Clone ID	ExperimentID	ExperimentID HumanRNAAccession	HumanProtAcces	LocusLink	Gene Symbol	
121_at	4D		NP_003457	- 1	PAX8	paired box gene 8
1320_at	4D	050200 WN	NP_008970	11099	PTPN21	protein tyrosine phosphatase, nonreceptor type 2
1552258 at	4D	NM 052871	NP_443103	112597	MGC4677	hypothetical protein MGC4677
1552261 at	4D	NM_080735	NP_542773	10406	WFDC2	WAP fourdisulfide core domain 2
1552263_at	4D	NM_138957		5594	MAPK1	mitogenactivated protein kinase
1552264_a_at	4D	NM_138957		5594	MAPKI	mitogenactivated protein kinase I
1552274_at	4D	NM_017771	NP_060241	54899	PXK	PX domain containing serine/threonine kinase
1552277_a_at	4D	NM_080655		91283	MGC17337	similar to RIKEN cDNA 5730528L13 gene
1552286_at	4D	NM_080653	NP_542384	90423	ATP6V1E2	ATPase, H+ transporting, lysosomal 31kDa, V1 subun
1552287 s at	4D	NM_001132	NP_001123	172	AFG3L1	AFG3 ATPase family gene 3like (yeast)
1552291_at	4D	NM_017861		65	PIGX	phosphatidylinositol glycan, class X
1552310_at	4D	NM_144597	NP 653198	123207	MGC29937	hypothetical protein MGC29937
1552312_a_at	4D	NM_005927	NP_005918	4238	MFAP3	microfibrillarassociated protein 3
1552316_a_at	4D	NM_130759	NP_570115	170575	GIMAPI	GTPase, IMAP family member 1
1552338_at	4D	NM_173849	NP_776248	145258	GSC	goosecoid
1552343 s_at		NM_002604	NP_002595	5150	PDE7A	phosphodiesterase 7A
552419 s_at	4D	NM_153254	NP_694986	254173	FLJ36119	hypothetical protein FLJ36119
1552425 a at	4D	NM_152467	NP_689680	317719	KLHL10	kelchlike 10 (Drosophila)
1552452 at	4D	NM_173479	NP_775750	126248	LOC126248	hypothetical protein LOC126248
552472 a at	4D	NM_012287	NP_036419	23527	CENTB2	centaurin, beta 2
552490_at	4D	NM_145315	NP 660358	246269	LACEI	lactation elevated 1
552499 a at	4D	NM_145238	NP_660281	7579	ZNF31	zinc finger protein 31 (KOX 29)
1552503 at	4D		NP_116252	80144	FRASI	Fraser syndrome 1
1552510_at	4D	NM_080877	NP_543153	142680	SLC34A3	solute carrier family 34 (sodium phosphate), membe
552554 a at	4D	NM_021209	NP_067032	58484	CARD12	caspase recruitment domain family, member 12
1552575 a at	⁴ D	NM_153344	NP_699175	135398	C6orf141	chromosome 6 open reading frame [4]
552617 a at	Đ	NM_022457	NP_071902	64326	RFWD2	ring finger and WD repeat domain 2
552625 a at	45	NM_016000	NP_057084	51095	TRNTI	tRNA nucleotidyl transferase, CCAadding, 1
552628 a at	4D	NM_022373	NP_071768	64224	FLJ22313	hypothetical protein FLJ22313
552695_a_at	4D	NM_052885	NP_443117	114134	SLC2A13	solute carrier family 2 (facilitated glucose trans
552733 at		NM_172193	NP_751943	122773	KLHDCI	kelch domain containing 1
1552/37 s at	40	NM_007014	NP_008945	11060	WWP2	WW domain containing E3 ubiquitin protein

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1557742 0+	Ē	200				ligase 2
1552743 at	4D	NM_024979	NP_079255	23263	MCF2L	MCF.2 cell line derived transforming sequencelike
1552768_at	40	NM_172207	NP_757344	84254	CAMKKI	calcium/calmodulindependent protein kinase kinase
1552772 at	4D	NM_080387	NP_525126	338339	CLEC4D	Ctype lectin domain family 4, member D
1552788 a_at	4D	NM_033647	NP_387467	92797	HELB	helicase (DNA) B
1552789_at	4D	NM_153039				
1552798_a_at	4D	NM_138557	NP_612567	7099	TLR4	tolllike receptor 4
1552836_at	4D	NM_173656	NP_775927	285267	ZNF619	zinc finger protein 619
1552857_a_at	4D	NM_000871	NP_000862	3362	HTR6	5hydroxytryptamine (serotonin) receptor 6
1552879_a_at	4D	NM_145178	NP_660161	220202	ATOH7	atonal homolog 7 (Drosophila)
1552887_at	4D	NM_152710	NP_689923	219793	C10orf27	chromosome 10 open reading frame 27
1552912 a at	4D	NM_144701	NP_653302	149233	IL23R	interleukin 23 receptor
1552921 a at	4D	NM_022116	NP_071399	63979	FIGNLI	fidgetinlike l
1552930_at	4D	NM_033467	NP_258428	79258	MELL1	mel transforming oncogenelike 1
1552955_at	4D	NM_054029				
1555050 a at	4D	NM_000456	NP_000447	6821	SUOX	sulfite oxidase
1553033_at	Đ	NM_138780	NP_620135	94122	SYTL5	synaptotagminlike 5
555039 a at	40	NM_080871	NP_543147	136371	ASB10	ankyrin repeat and SOCS boxcontaining 10
1553087 at	4D	NM_032362				0
1553088 a at	4D	NM_138626	NP_619532	10018	BCL2L11	BCL2like 11 (apoptosis facilitator)
553096 s at	4D	NM_138627	NP_619533	10018	BCL2L11	BCL2like 11 (apoptosis facilitator)
1553099_at	4D	NM_145702	NP 663748	200765	TIGDI	tigger transposable element derived 1
553103_at	4D	NM_147134	NP_667345	4799	NFX1	nuclear transcription factor, Xbox binding 1
553122 s at	4D	NM_021163	NP_066986	57786	RBAK	RBassociated KRAB repressor
553134 s at	4D	NM_145005	NP_659442	203228	C9orf72	chromosome 9 open reading frame 72
553147_at	40	NM 145000	NP_659437	202151	FLJ25422	hypothetical protein FLJ25422
1553155_x_at	4D	NM_152565	NP_689778	245972	ATP6V0D2	ATPase, H+ transporting, lysosomal 38kDa, V0 subun
1553158 at	40	NM_032898	NP_116287	84984	MGC14126	hypothetical protein MGC14126
1553175 s_at	4D	NM_033431	NP_237223	8654	PDE5A	phosphodiesterase 5A, cGMPspecific
553185 at	4D	NM_152573	NP 689786	158158	RASEF	RAS and EF hand domain containing
553186 x at	100	NM_152573	NP_689786	158158	RASEF	RAS and EF hand domain containing
555195 at	10	NM_152355	NP_689568	126068	ZNF441	zinc finger protein 441
33218 a at	40	NM_032434	NP_115810	84450	ZNF512	zinc finger protein 512

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NP_740746 NP_775945 NP_254273		3228 126205 1121391 317705 3010 338376 10407 1124989 261726 6667 163049 163049 222487 228761	III.209 PALMONS4 III.209 PALMONS4 III.209 PALMONS12 III.2020 NALIPS III.2020 NALIPS III.2020 NALIPS III.2020 NALIPS III.2020 III.2020
NP_740746 NP_775945 NP_7543773		3228 3228 126205 121391 131705 3010 317705 3010 338376 10407 10407 124989 261726 6667 163049 163049 163049 163049 163049	1777999
NP_740746		3228 126208 121391 121391 1317708 3010 338376 10407 124989 261726 6667 163049 163049	
INT 077107		3228 126205 121391 317705 3010 33376 303376 10407 124989 261726 6667 163049	
NID 600190		3228 126205 121391 121391 317705 338376 10407 124989 261726 6667 163049	
NP_699189		3228 126205 121391 317705 3010 338376 10407 124989 261726	
NP_612482	1 1 1 1 1	3228 126205 121391 317705 3010 338376 10407 124989 261726	
NP_690866		3228 126205 121391 121391 317705 3010 338376 110407 1124989	
NP_689560		3228 126205 121391 317705 3010 338376 10407	
NP_478113		3228 126205 121391 121391 317705 3010 338376	
NP_795372		3228 126205 121391 317705	05 05
NP_005314		3228 126205 121391 317705	99 95
NP_776257		3228 126205	95 99
NP_778223		3228 126205	3 9 3
NP_789781		3228	99
NP_776272			
NP_443749		114299	
NP_775849		283135	
NP_653283	- 1	146857	146857 FLJ31952
NP_665899		54715	
NP_689679		147081	
NP_653226		128025	
NP_689767	- 1	154386	154386 C6orf195
		007.1	3EC19A2
NID 003045	1	1237	1
NP 775915	- 1	284756	
NP_758519		1441	1441 CSF3R
NP_116176		84873	84873 GPR128
NF_310968	ĺ	206358	206358 SLC36A1
8C1017 AN		255403	
NP 089846		218/	

transmambrana protein 27	TMEM37	140738	NP_899063	NM 183240	4D	1554483 at
PHD finger protein 20like 1	PHF20L1	51105	NP_079154	NM_024878	4	1554472 a at
WINS1 protein with Drosophila Lines (Lin) homologo	WINSI	55180	NP_859524	NM_181740	ŧ	1004406_a_at
WINS1 protein with Drosophila Lines (Lin) homologo	WINSI	55180	NP_859523	NM_181739	ŧ	1554455 at
neuroligin 2	NLGN2	57555	NP 065846	NM 020/95	ŧ	1551465 S at
anterior pharynx defective 1 homolog A (C. elegans	APHIA	51107	NP_057106	NM_016022	ŧ	1551420
hypothetical protein FLJ20125	FLJ20125	54826	NP 060146	NM_017676	4D	1554345 a at
DNA helicase HEL308	HEL308	113510	NP_598375	NM_133636	4D	1554342 s at
histone deacetylase 4	HDAC4	9759	NP_006028	NM_006037	4D	1554322 a at
hypothetical protein LOC136306	LOC136306	136306	NP_777619	NM_174959	4D	1554300 a at
adult retina protein	LOC153222	153222	NP_705835	NM_153607	4D	1554229_at
PHD finger protein 21A	PHF21A	51317	NP_057705	NM_016621	Đ	1554153_a_at
unc51like kinase 2 (C. elegans)	ULK2	9706	NP_055498	NM_014683	4D	1554112_a_at
amyotrophic lateral sclerosis 2 (juvenile) chromos	ALS2CR16	130029	NP_991106	NM_205543	4D	1554108_at
DEAD (AspGluAlaAsp) box polypeptide 51	DDX51	317781	NP_778236	NM_175066	4b	1554085 at
serine palmitoyltransferase, long chain base subun	SPTLCI	10558	NP 847894	NM_178324	4D	1554053_at
zinc finger protein 12 (K()X 3)	ZNF12	7559	NP 008887	NM_006956	4D	1554021 a at
apoptosisrelated protein PNASI	FLJ39616	51275	NP_057618	NM_016534	40	1553987_at
chromosome 20 open reading frame 161	C20orf161	90203	NP_690857	NM_152897	4D	1553960_at
UDPGal:betaGal beta 1,3galactosyltransferase polyp	B3GALT6	126792	NP_542172	NM_080605	\$	1553959_a_at
exosome component 6	EXOSC6	118460	NP_478126	NM 058219	4D	1553947_at
				NM_131915	4D	1553900_s_at
hypothetical protein FLJ40365	FLJ40365	126402	NP_775753	NM_173482	4Đ	1553893 at
G proteincoupled receptor MRGX2	MRGX2	117194	NP_473371	NM_054030	4D	1553889 at
hypothetical protein MGC35338	MGC35338	130619	NP_689602	NM_152389	₽	1553886 at
hypothetical protein MGC34713	MGC34713	285600	NP_775936	NM_173665	4D	1553868 a at
				NM_138339	Đ	1553865 a at
chromosome 10 open reading frame 64	C10orf64	159491	NP_775795	NM_173524	4b	1553863 at
hypothetical protein MGC40368	MGC40368	255394	NP_689985	NM 152772	4D	1553861_at
Cohen syndrome 1	СОНІ	157680	NP 689777	NM_152564	4D	1553852 at
chromosome 21 open reading frame 88	C21orf88	114041	NP 715635	NM 153754	40	TOCOCCE

ST3 hetagalactocide alpha? 3cialyltranofarca ?	ST3GAL3	6487	NP_777624	NM_174964	4D	1555702 a at
SLC2A4 regulator	SLC2A4RG	56731	NP_064446	NM 020062	40	1555500 s_at
interleukin 28 receptor, alpha (interferon, lambda	IL28RA	163702	NP_775088	NM_173065	40	1555499 a at
cytochrome P450, family 4, subfamily B, polypeptid	CYP4B1	1580	NP_000770	NM_000779	1	155549/_a_at
serologically defined colon cancer antigen 10	SDCCAG10	10283	NP_005860	NM_005869	4	1555495 a at
hypothetical gene supported by BC046200	LOC388407	388407	NP 982249	NM_203425	45	1555478_at
transmembrane protein 1	TMEM1	7109	NP_001001723	NM_001001723	4D	1555446 s at
Nacylsphingosine amidohydrolase (acid ceramidase)	ASAHI	427	NP_004306	NM_004315	45	1555419_a_at
FGD1 family, member 3	FGD3	89846	NP_149077	NM_033086	45	1555407 s at
ATPbinding cassette, subfamily B (MDR/TAP), member	ABCB5	340273	NP_848654	NM_178559	4	15555/1_at
KIAA0377 gene product	KIAA0377	9677	NP_055474	NM_014659	40	1555255 a at
retinitis pigmentosa 11ike 1	RPILI	94137	NP 849188	NM_178857	4D	1555245 s at
hypothetical gene supported by BC055092	LOC401466	401466	XP_376783	XM_376783	4D	1555243_x_at
hypothetical gene supported by BC055092	LOC401466	401466	XP_376783	XM_376783	Đ	1555241_at
four and a half LIM domains 5	FHLS	9457	NP_065228	NM_020482	4D	1555191_a_at
preBcell colony enhancing factor 1	PBEF1	10135	NP_877591	NM_182790	40	1555167_s_at
quaking homolog, KH domain RNA binding (mouse)	QKI	9444	NP_006766	NM_006775	4D	1555154_a_at
hypothetical protein MGC40069	MGC40069	348035	NP_872421	NM_182615	4D	1555073_at
scavenger receptor class F, member 1	SCARF1	8578	NP_663324	NM_145349	4D	1555021 a at
zinc finger protein 398	ZNF398	57541	NP_733787	NM_170686	4D	1555015 a at
hypothetical protein LOC403312	MGC39545	403312	NP_982277	NM_203452	4D	1555002_at
phospholipase A2, group IVD (cytosolic)	PLA2G4D	283748	NP_828848	NM_178034	4D	1554914_at
RAB39, member RAS oncogene family	RAB39	54734	NP_059986	NM_017516	4D	1554800_at
hypothetical protein FLJ32130	FLJ32130	146540	NP_689671	NM_152458	4D	1554770 x at
hypothetical protein FLJ32130	FLJ32130	146540	NP_689671	NM_152458	4D	1554769_at
transforming, acidic coiledcoil containing protein	TACC1	6867	NP_006274	NM_006283	4D	1554690_a_at
hypothetical protein LOC126295	LOC126295	126295	NP_775751	NM_173480	4D	1554628 at
polypyrimidine tract binding protein 2	PTBP2	58155	NP_067013	NM_021190	4D	1554614 a at
cyclin M2	CNNM2	54805	NP_060119	NM_017649	4D	1554523 a at
growth hormone inducible transmembrane protein	GHITM	27069	NP_055209	NM_014394	4D	1554510_s_at
regulator of Gprotein signalling 7	RGS7	6000	NP_002915	NM 002924	40	1304000 a at

1555725 a at	4D	NM_003617	NP_003608	8490	RGS5	regulator of Gprotein signalling 5
1555729 a at	4D	NM_021155	NP_066978	30835	CD209	CD209 antigen
1555736 a at	4D	NM 020350	NP_065083	57085	AGTRAP	angiotensin II receptorassociated protein
1555772 a at	4D	NM_001789	NP_001780	993	CDC25A	cell division cycle 25A
1555961 a at	4D	NM_005340	NP_005331	3094	HINTI	histidine triad nucleotide binding protein 1
1556009_at	4D	NM_002618	NP_002609	5194	PEX13	peroxisome biogenesis factor 13
1556200 a at	4D	NM_001004298	NP_001004298	118611	C10orf90	chromosome 10 open reading frame 90
1556283 s at	4D	NM_015633	NP_056448	26127	FGFR1OP2	FGFR1 oncogene partner 2
1556552 a_at	4D	NM_174917	NP_777577	197322	LOC197322	hypothetical protein LOC197322
1556588_at	4D	NM_175898	NP 787094	283687	LOC283687	hypothetical protein LOC283687
1556744_a_at	4D	XM_496651	XP_496651	440971	LOC440971	similar to Zinc finger protein Rlf (Rearranged
1557056_at	4D	XM_376444	XP_376444	133491	LOC133491	hypothetical protein LOC [3349]
1557091 at	4D	NM_182574	NP_872380	284358	FLJ36070	hypothetical protein FLJ36070
1557141_at	4D	NM_032222	NP_115598	84182	FLJ22374	hypothetical protein FLJ22374
1557165_s_at	4D	NM_025010	NP_079286	23276	KLHL18	kelchlike 18 (Drosophila)
1557172 x at	4D	NM_178170	NP_835464	284086	NEK8	NIMA (never in mitosis gene a) related kinase 8
1557322 at	4D	NM_006300	NP_006291	7773	ZNF230	zinc finger protein 230
1557657 a at	4D	XM_378473	XP_378473	400238	LOC400238	hypothetical gene supported by AK093266
1557719_at	4D	NM_001002881	NP_001002881	200576	PIP5K3	phosphatidylinositol3phosphate/phosphatidylinosit
1557793_at	4D	NM_031913	NP_114119	83850	CHR3SYT	chr3 synaptotagmin
1557944 s at	4D	NM_001331	NP_001322	1500	CTNNDI	catenin (cadherinassociated protein), delta 1
1557984 s_at	4D	NM_024604	NP_078880	79657	FLJ21908	hypothetical protein FLJ21908
1558014_s_at	4D	NM_032228	NP_115604	84188	MLSTD2	male sterility domain containing 2
1558254 s at	4D	NM_182691	NP_872633	6733	SRPK2	SFRS protein kinase 2
1558292 s_at	4D	NM_178517	NP 848612	284098	PIGW	phosphatidylinositol glycan, class W
1558327_at	40	NM_032283	NP_115659	84243	ZDHHC18	zinc finger, DHHC domain containing 18
1558330 x at	4D	NM 013432	NP_038460	4796	NFKBIL2	nuclear factor of kappa light polypeptide gene enh
558333 at	4D	NM_182520	NP_872326	150248	C22orf15	chromosome 22 open reading frame 15
558345 a at	4D	XM_498467	XP_498467	439911	LOC439911	hypothetical gene supported by NM 194304
1558412_at	4D	XM_053966	XP_053966	113230	LOC113230	hypothetical protein LOC113230
558534 at	4D	NM_031211	NP_112488	81893	LAT13TM	LATI3TM protein
558620 at	40	NM_198484	NP 940886	285268	ZNF621	zinc finger protein 621
1558622 a at	40	NM_152909	NP 690873	147694	ZNF548	zinc finger protein 548

OR2L2
TPM4
ARIDIB
OR2M4
NNYM
DUOXI
LOC164045
C5orf16
FLJ32110
PLXNDI
PARVA
LOC400456
SAMD12
LOC400680
CSMDI
PDK4
C3orf15
LOC440602
C21orf106
LOC338579
-
LOC285972
RGNEF
LAMA3
ARHGEF 12
FLJ35681
KIAA1467
SPASI
KIAA1447
HCG27
NIAA1240

ribosomal protein L28	KPL28	0108	NF 000962	145000 TAIN	100	
ricoonian protein 1220	DDI 20	0512	NID OOOOO	NM 000001	4D	2
ribosomal protein (35	RPL35	11224	NP 009140	NM 007209	4D	200002_at
hypothetical protein FLJ13197	FLJ13197	79667	NP_078890	NM 024614	4D	1570414 x_at
hypothetical protein FLJ31413	FLJ31413	155061	NP_689770	NM_152557	4D	1570373 at
Ras homolog enriched in brain like 1	RHEBL1	121268	NP 653194	NM_144593	4D	at
keratin 6L	KRT6L	338785	NP_787028	NM_175834	4D	
hypothetical gene supported by BC039326	LOC400605	400605	XP_378685	XM_378685	4D	
nicotinamide nucleotide adenylyltransferase 1	ITANMN	64802	NP_073624	NM_022787	4D	
fibronectin type III domain containing 3B	FNDC3B	64778	NP_073600	NM_022763	4D	ľ
eukaryotic translation initiation factor 2C, 4	EIF2C4	192670	NP_060099	NM_017629	4D	
chromosome 11 open reading frame 30	C11orf30	56946	NP_064578	NM_020193	40	
protein tyrosine phosphatase, receptor type, G	PTPRG	5793	NP_002832	NM_002841	4D	
KIAA1731 protein	KIAA1731	85459	XP_374922	XM_374922	4D	1569302_at
zinc finger protein 505	ZNF505	81931	NP_112495	NM_031218	4D	1569240 at
hypothetical protein MGC40368	MGC40368	255394	NP_689985	NM_152772	4D	1569207_s_at
hypothetical protein MGC40368	MGC40368	255394	NP_689985	NM_152772	4D	1569206_at
hypothetical protein MGC29649	MGC29649	283237	NP_776171	NM_173810	40	1569189 at
ATPbinding cassette, subfamily A (ABC1), member 4	ABCA4	24	NP_000341	NM_000350	£	
dependen						
SWI/SNF related matrix associated actin	SMARCA4	6597	NP 003063	NM_003072	4D	1569073_x_at
IO motif containing GTPase activating protein 3	IQGAP3	128239	NP_839943	NM_178229	4D	1569062 s_at
PRO0149 protein	PRO0149	29035	NP_054836	NM_014117	4D	1568954 s at
hypothetical protein FLJ35834	FLJ35834	154865	NP_849149	NM_178827	4Đ	1568924 a at
neighbor of BRCA1 gene 1	NBR1	4077	NP_114068	NM_031862	40	1568856_at
zinc finger protein 505	ZNF505	81931	NP_112495	NM_031218	4Đ	1568720_at
membe						
TBC1 (tre2/USP6, BUB2, cdc16) domain family	TBC1D1	23216	NP_055988	NM_015173	4D	1568713_a_at
FGFR1 oncogene partner	FGFRIOP	11116	NP_008976	NM_007045	4D	1568678 s at
similar to RIKEN cDNA 2310076L09	LOC440503	440503	XP_496282	XM_496282	45	1568667 s at
hypothetical gene supported by AK075484; BC014578	LOC339804	339804	XP_291016	XM_291016	ŧ	120902 at
phosphoinositide3kinase, regulatory subunit 2 (p85	PIK3R2	5296	NP_005018	NM_005027	÷ ÷	1568629 s at
FLJ39739 protein	FLJ39739	388685	NP_997283	NM_207400	4	1568609 s at
hypothetical gene supported by BC031266	LOC400368	400368	XP_378511	XM_378511	ŧ	15000392 at

	200672 x at 4D	200669_s_at 4D			at	at		s at			s at	200082_s_at 4D	200066_at 4D	200062_s_at 4D	200059 s_at 4D		200053_at 4D	200050 at 4D	200046_at 4D	2000+3_at 4D		j a		200029_at 4D	200026_at 4D	at				1	2000 I s at 4D
	NM 003128	NM_003340	NM_014765	NM 003145	NM_002065	NM_003752	NM_000454	NM_017491	NM 006265	NM_000997	NM_001028	NM_001011	NM_006083	NM_000989	NM_001664	NM_006333	NM_004890	NM_007145	NM_001344	28,000	NM 004450	NM_002/94	NM_001015	NM_000981	NM_000995	NM_000988	NM 000979	NM_001017	NM_000986	NWI 001639	277 001 000
	NP 003119	NP_003331	NP_055580	NP 003136	NP_002056	NP 003743	NP 000445	NP 059830	NP_006256	NP_000988	NP_001019	NP_001002	NP_006074	NP 000980	NP_001655	NP_006324	NP_004881	NP_009076	NP_001335	NP_001081	NP 004441	NP_002785	NP_001006	NP_000972	NP_000986	NP_000979	NP 000970	NP_001008	NP_000977	NP 001650	
	6711	7323	9804	6746	2752	8663	6647	9948	5885	6167	6230	6201	3550	6156	387	10438	9552	7705	1603	23	2079	5690	6205	6143	6164	6155	6141	6207	6152	377	
0.000	SPTRNI	UBE2D3	TOMM20	SSR2	GLUL	EIF3S8	SODI	WDRI	RAD21	RPL37	RPS25	RPS7	×	RPL30	RHOA	CID	SPAG7	ZNF146	DADI	ABCFI	ERH	PSMB2	RPS11	RPL19	RPL34	RPL27	RPL18	RPS13	RPL24	ARF3	
specials, ocas, noneityunocyme i	enortin hata poporuthenortic l	ubiquitinconjugating enzyme E2D 3 (UBC4/5 homolog,	translocase of outer mitochondrial membrane 20 hom	signal sequence receptor, beta (transloconassociat	glutamateammonia ligase (glutamine synthase)	eukaryotic translation initiation factor 3, subuni	superoxide dismutase 1, soluble (amyotrophic later	WD repeat domain 1	RAD21 homolog (S. pombe)	ribosomal protein L37	ribosomal protein S25	ribosomal protein S7	IK cytokine, downregulator of HLA II	ribosomal protein L30	ras homolog gene family, member A	nuclear DNAbinding protein	sperm associated antigen 7	zinc finger protein 146	defender against cell death 1	ATPbinding cassette, subfamily F (GCN20), member 1	enhancer of rudimentary homolog (Drosophila)	proteasome (prosome, macropain) subunit, beta type	ribosomal protein S11	ribosomal protein L19	ribosomal protein L34	ribosomal protein L27	ribosonial protein L18	ribosomal protein S13	ribosomal protein L24	ADPribosylation factor 3	

9

			15	2000000		200007
	SNRPD2	6633	NP_004588	NM_004597	4D	200826_at
ribosomal protein L29	RPL29	6159	NP_000983	NM_000992	4D	200823 x at
ribosomal protein S15	RPS15	6209	NP_001009	NM 001018	4D	200819 s_at
ATP synthase, H+ transporting, mitochondrial F1 co	ATP50	539	NP_001688	NM_001697	Đ	200818_at
ribosomal protein S10	RPS10	6204	NP_001005	NM_001014	4D	200817_x_at
	HSPAIA	3303	NP_005336	NM_005345	40	200800 s at
	HSPAIA	3303	NP_005336	NM_005345	40	200799 at
myeloid cell leukemia sequence 1 (BCL2related)	MCL1	4170	NP_068779	NM_021960	4D	200798 x at
myeloid cell leukemia sequence 1 (BCL2related)	MCL1	4170	NP_068779	NM_021960	4D	200797 s at
myeloid cell leukemia sequence 1 (BCL2related)	MCL1	4170	NP_068779	NM_021960	4D	200796_s_at
phosphoprotein enriched in astrocytes 15	PEA15	8682	NP_003759	NM_003768	4D	200788 s at
	RPS15A	6210	NP_001010	NM_001019	4D	200781_s_at
methionine adenosyltransferase II, alpha	MAT2A	4144	NP_005902	NM_005911	4D	200768 s_at
ribosomal protein, large, P1	RPLP1	6176	NP_000994	NM_001003	4D	200763 s at
calumenin	CALU	813	NP_001210	NM_001219	4D	200755_s_at
ferritin, heavy polypeptide	FTH1	2495	NP_002023	NM_002032	4D	200748_s_at
guanine nucleotide binding protein (G protein), be	GNBI	2782	NP_002065	NM_002074	4D	200744 s_at
ribosomal protein S27 (metallopanstimulin 1)	RPS27	6232	NP_001021	NM_001030	4D	200741_s_at
nascentpolypeptideassociated complex alpha polypep	NACA	4666	NP_005585	NM_005594	\$	200735_x_at
ADPribosylation factor 3	ARF3	377	NP_001650	NM_001659	4D	200734 s_at
protein tyrosine phosphatase type IVA, member	PTP4A1	7803	NP_003454	NM_003463	4D	200733_s_at
ARP2 actinrelated protein 2 homolog (yeast)	ACTR2	10097	NP_005713	NM_005722	4D	200728 at
ribosomal protein L10	RPL10	6134	NP_006004	NM_006013	4D	200725_x_at
	RPL13A	23521	NP_036555	NM_012423	4D	200716_x_at
glutamicoxaloacetic transaminase 2, mitochondria	GOT2	2806	NP_002071	NM_002080	4D	200708_at
dynein, cytoplasmic, light polypeptide 1	DNCLI	8655	NP_003737	NM_003746	4D	200703_at
NiemannPick disease, type C2	NPC2	10577	NP_006423	NM_006432	45	200701_at
 KDEL (LysAspGluLeu) endoplasmic reticulum protein 	KDELR2	11014	NP_006845	NM_006854	45	200 /00_s_at
gelsolin (amyloidosis, Finnish type)	GSN	2934	NP_000168	NM 000177	4	200696 s at
ribosomal protein L32	RPL32	6161	NP_000985	NM_000994	4D	200674 s at

cytoskeletonassociated protein 4 cytoskeletonassociated protein 4 alanyltRNA synthetase						
cytoskeletonassociated protein 4 cytoskeletonassociated protein 4	AARS	16	NP_001596	NM 001605	4D	201000 at
cytoskeletonassociated protein 4	CKAP4	10970	NP_006816	NM 006825	ŧ	201000 s at
	CKAP4	10970	NP_006816	NM_006825	ŧ	200998 s at
hypoxiainducible factor 1, alpha subunit (basic he	HIF1A	3091	NP_001521	NM 001530	ŧ	200989_at
CD59 antigen p1820 (antigen identified by monoclon	CD59	966	NP_000602	NM_000611	£	
pyruvate dehydrogenase (lipoamide) alpha 1	PDHAI	5160	NP_000275	NM 000284	ŧ	200980 s at
transmembrane 4 superfamily member 8	TM4SF8	10099	NP_005715	NM_005724	40	2009/3 s at
transmembrane 4 superfamily member 8	TM4SF8	10099	NP_944492	NM_198902	4D	200972_at
actin binding L1M protein 1	ABLIMI	3983	NP_006711	NM_006720	4D	200965 s.at
ribosomal protein L31	RPL31	6160	NP_000984	NM_000993	4D	200963 x at
clathrin, light polypeptide (Lca)	CLTA	1211	NP_009027	NM_007096	D	200960 x at
fusion (involved in t(12;16) in malignant liposarc	FUS	2521	NP_004951	NM_004960	Ð	200959 at
syndecan binding protein (syntenin)	SDCBP	6386	NP_005616	NM_005625	Đ	200958 s_at
ribosomal protein S20	RPS20	6224	NP_001014	NM_001023	4D	200949_x_at
arginineglutamic acid dipeptide (RE) repeats	RERE	473	NP_036234	NM_012102	4D	200939 s at
ribosomal protein S23	RPS23	6228	NP_001016	NM_001025	4D	200926_at
cytochrome c oxidase subunit VIa polypeptide I	COX6A1	1337	NP_004364	NM_004373	4D	200925 at
solute carrier family 3 (activators of dibasic and	SLC3A2	6520	NP_002385	NM_002394	4D	200924_s_at
polyhomeoticlike 2 (Drosophila)	PHC2	1912	NP_004418	NM_004427	Đ	200919_at
transgelin 2	TAGLN2	8407	NP_003555	NM_003564	Đ	200916_at
protein phosphatase 1G (formerly 2C), magnesiumdep	PPMIG	5496	NP_002698	NM_002/0/	ŧ	700712_at
ribosomal protein, large P2	RPLP2	6181	NP 000995	NM_001004	ŧ	2009US at
major histocompatibility complex, class I, E	HLAE	3133	NP_005507	NM_005516	40	200905 x at
splicing factor, arginine/serinerich 10 (transform	SFRS10	6434	NP_004584	NM_004593	4D	200893_at
ribosomal protein L23	RPL23	9349	NP_000969	NM_000978	4D	200888 s at
creatine kinase, brain	CKB	1152	NP_001814	NM_001823	40	200884 at
nucleolar protein 5A (56kDa with KKE/D repeat	NOL5A	10528	NP_006383	NM_006392	4 D	200874 s at
RABITA, member RAS oncogene family	RABIIA	8766	NP_004654	NM_004663	Đ	200863 s at
nuclear receptor corepressor	NCOR1	9611	NP_006302	NM_006311	4D	200857 s at
guanine nucleotide binding protein (G protein) be	GNB2	2783	NP_005264	NM_005273	4D	200852 x at
glutamylprolyltRNA synthetase	EPRS	2058	NP_004437	NM_004446	4D	200843 s at
ribosomal protein S21	RPS21	6227	NP_001015	NM_001024	4D	200834_s_at

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subcomplex,						
NADH debydrogenase (uki	NDI FR8	4714	NP 004995	NM 005004	4D	201227 s at
NADH dehydrogenase (ubiquinone) I beta subcomplex.	NDUFB8	4714	NP_004995	NM_005004	ŧ	201226_at
cystatin B (stefin B)	CSTB	1476	NP 000091	NM 00100	ŧ	201201 at
phosphatidylinositol transfer protein, alpha	PITPNA	5306	NP_006215	NM_006224	40	201192 s at
protease, serine, 11 (IGF binding	PRSS11	5654	NP_002766	NM_002775	40	201185_at
guanine nucleotide binding protein (G protein), al	GNAI3	2773	NP_006487	NM_006496	40	201181_at
pumilio homolog 1 (Drosophila)	PUMI	9698		NM_014676	45	201164 S at
Nmyristoyltransferase 1	ITMN			NM_021079	40	201108 at
RAB5C, member RAS oncogene family	RAB5C	5878	NP_004574	NM_004583	45	201156 s at
nuclear factor (erythroidderived 2)like 2	NFE2L2	4780	NP_006155	NM_006164	40	201146 at
HS1 binding protein	HAXI	10456	NP 006109	NM_006118	40	201145_at
major histocompatibility complex, class II, DP het	HLADPBI	3115	NP_002112	NM_002121	4D	201137_s_at
cytochrome c oxidase subunit VIIc	COX7C	1350	NP_001858	NM_001867	4D	201134_x_at
heterogeneous nuclear ribonucleoprotein H2 (H)	HNRPH2	3188	NP_062543	NM_019597	4D	201132 at
splicing factor, arginine/serinerich 7, 35kDa	SFRS7	6432	NP_006267	NM_006276	4D	201129 at
cytochrome c oxidase subunit 8A (ubiquitous	COX8A	1351	NP_004065	NM_004074	4D	201119_s_at
carboxypeptidase E	CPE	1363	NP_001864	NM_001873	4D	201117_s_at
CSE1 chromosome segregation Hike (yeast)	CSEIL	1434	NP_803185	NM_177436	4D	201111_at
thrombospondin I	THBS1	7057	NP_003237	NM_003246	4D	201109_s_at
ribosomal protein S29	RPS29	6235	NP_001023	NM_001032	4D	201094_at
dynactin 1 (p150, glued homolog, Drosophila)	DCTNI	1639	NP_004073	NM_004082	4D	201082 s at
general transcription factor II,	GTF21	2969	NP_001509	NM_001518	4D	201065_s_at
poly(A) binding protein, cytoplasmic 4 (inducible	PABPC4	8761	NP_003810	NM_003819	40	201064 s at
heterogeneous nuclear ribonucleoprotein A0	HNRPA0	10949	NP 006796	O0800 WN	ŧ	201054 at
dual specificity phosphatase	DUSPI	1843	NP_004408	NM_004417	ŧ	201044 x at
guanine nucleotide binding protein (G protein), al	GNAI2	2771	NP_002061	NM_002070	ŧ	201040 at
L3hydroxyacylCoenzyme A dehydrogenase, short chain	HADHSC	3033	815C00_AN	NM_00327	ŧ	201000 s_at
eukaryotic translation initiation factor 5B	EIF5B	9669	NP 056988	NM 015904	5 5	201024 X at
destrin (actin depolymerizing factor)	DSTN	11034	NP 006861	NM 006870	45	201024 S at
thioredoxin interacting protein	TXNIP	10628	NP_006463	NM_006472	16	201010 s at
thioredoxin interacting protein	TXNIP	10628	NP_006463	NM_006472	4	201009 s at
thioredoxin interacting protein	TXNIP	10628	NP_006463	NM_006472	40	201008 s at

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hydroxysteroid (17beta) dehydrogenase	HSD17B4	3295	NP_000405	NM_000414	4D	201413_at
low density lipoprotein receptorrelated protein 10	LRP10	26020	NP_054764	NM_014045	45	201412_at
ribosomal protein L36a	RPL36A	6173	NP_066357	NM_021029	Đ	201406 at
adrenergic, beta, receptor kinase I	ADRBKI	156	NP_001610	NM 001619	45	201401 s at
proteasome (prosome, macropain) subunit, beta type	PSMB3	5691	NP_002786	NM_002/95	ŧ	201400 at
insulinlike growth factor 2 receptor	IGF2R	3482	NP_000867	NM_000876	5 5	201392 s at
neighbor of BRCA1 gene 1	NBR1	4077	NP_005890	NM_005899	10	201384 s at
ubiquitin associated protein 2like	UBAP2L	9898	NP_055662	NM_014847	40	201377 at
ornithine decarboxylase antizyme 2	OAZ2	4947	NP_002528	NM_002537	40	201365_at
influenza virus NSIA binding protein	IVNSIABP	10625	NP_006460	NM_006469	40	201363_s_at
coatomer protein complex, subunit beta	COPB	1315	NP_057535	NM_016451	40	201359 at
coatomer protein complex, subunit beta	COPB	1315	NP_057535	NM_016451	4	201358 s at
YMEHike I (S. cerevisiae)	YMEILI	10730	NP_055078	NM_014263	4D	201352_at
glutathione peroxidase 3 (plasma)	GPX3	2878	NP_002075	NM_002084	40	201348 at
adiponectin receptor 2	ADIPOR2	79602	NP_078827	NM_024551	4	201346_at
homolog,	OBEZDZ	1022				
sitiati flucieat Liboflucieoprotein potypeptide C	UnECED C	7333	ND 003330	00000 MN	40	201343 at
condimination of the second	SUBBO	6631	NP 003084	NM 003093	4D	201342 at
ectodermalneural cortex (with BTRlike domain)	ENCI	8507	NP_003624	NM_003633	4D	201341_at
vets erythroblastosis virus E26 oncogene homolog	ETS2	2114	NP_005230	NM_005239	4D	201328_at
EBNA1 binding protein 2	EBNAIBP2	10969	NP_006815	NM_006824	45	201323 at
serine/threonine kinase 25 (STE20 homolog yeast)	STK25	10494	NP_006365	NM_0063/4	ŧ	201314_BE
chromosome 5 open reading frame 13	C5orf13	9313	NP_004/63	NM 004//2	ŧ	201210 S at
DEAD (AspGluAlaAsp) box polypeptide 48	DDX48	9775	NP_055555	NM_014740	ŧ	201319 at
peptidylprolyl isomerase A (cyclophilin A)	PPIA	5478	NP_066953	NM_021130	ŧ	201295 X at
typ	L SMIND	0000				20202
red	DENALE	7073	NID 000701	007790	45	201274 at
aldoketo reductase family 1, member B1 (aldose	AKRIBI	231	NP_001619	NM_001628	40	201272_at
ATPase, Na+/K+ transporting, beta 1 polypeptide	ATPIBI	481	NP_001668	NM_001677	40	201242 s at
capping protein (actin filament) muscle Zline, alp	CAPZA2	830	NP 006127	NM_006136	40	201238 s at
capping protein (actin filament) muscle Zline, alp	CAPZA2	830	NP_006127	NM_006136	45	201237 at
D 1 O lanniy, member 2						

likely ortholog of mouse immediate early	LEREPO4	55854	NP_060941	NM_018471	4D	201593 s at
eukaryotic translation initiation factor 3, subuni	EIF3S3	8667	NP 003747	NM_003756	ŧ	201592_at
splicing factor proline/glutamine rich (polypyrim)	SFPQ	6421	NP 005057	NM_005066	45	201585 s at
Sec23 homolog B (S. cerevisiae)	SEC23B	10483	NP_006354	NM_006363	40	201582 at
hypothetical protein DJ971N18.2	DJ971N18.2	56255	NP_066979	NM_021156	45	201580 s at
nonmetastatic cells 1, protein (NM23A) expressed	NMEI	4830	NP_000260	NM_000269	ŧ	2015//_at
dCMP deaminase	DCTD	1635	NP_001912	NM 001921	4	2015/2 x at
low molecular mass ubiquinonebinding protein (9.5k	QPC	27089	NP_055217	NM_014402	£	201568_at
dual specificity phosphatase 3 (vaccinia virus pho	DUSP3	1845	NP 004081	NM 004090	40	201538 s at
ubiquitinlike 3	UBL3	5412	NP_009037	NM_007106	4	201535_at
proteasome (prosome, macropain) subunit, alpha typ	PSMA3	5684	NP_002779	NM_002788	4D	201532_at
ATPase, H+ transporting, lysosomal 14kDa, V1 subun	ATP6V1F	9296	NP_004222	NM_004231	4	201527_at
ubiquitinconjugating enzyme E2N (UBC13 homolog, ye	UBE2N	7334	NP_003339	NM_003348	8	201524_x_at
small nuclear ribonucleoprotein polypeptide N	SNRPN	6638	NP_003088	NM_003097	ŧ	201522 x at
translocase of outer mitochondrial membrane 70 hom	ТОММ70А	9868	NP_055635	NM_014820	4	201519_at
nuclear cap binding protein subunit 2, 20kDa	NCBP2	22916	NP_031388	NM_007362	49	201517 at
protein phosphatase 1, regulatory (inhibitor) subu	PPPIRII	6992	NP_068778	NM_021959	4D	201500 s at
ribosomal protein L41	RPL41	6171	NP_066927	NM_021104	#	201492 s at
AHA1, activator of heat shock 90kDa protein ATPase	AHSAI	10598	NP_036243	NM_012111	£	201491_at
peptidylprolyl isomerase F (cyclophilin F)	PPIF	10105	NP_005720	NM_005729	ŧĐ	201490 s at
quiescin Q6	QSCN6	5768	NP_002817	NM_002826	Đ	201482_at
sequestosome 1	SQSTMI	8878	NP_003891	NM_003900	4D	201471 s at
NAD(P)H dehydrogenase, quinone 1	NQ01	1728	NP_000894	NM_000903	4D	201468 s at
Ras homolog enriched in brain	RHEB	6009	NP_005605	NM_005614	4D	201453 x at
dihydropyrimidinaselike 3	DPYSL3	1809	NP_001378	NM_001387	4D	201430 s at
ribosomal protein L37a	RPL37A	6168	NP_000989	NM_000998	4D	201429 s_at
methylosome protein 50	MEP50	79084	NP_077007	NM 024102	4D	201421 s at
SRY (sex determining region Y)box 4	SOX4	6659	NP_003098	NM_003107	4D	201417_at
SRY (sex determining region Y)box 4	SOX4	6659	NP 005098	/OLCOO TAINI	ŧ	10 01410

KIAA0494 gene product	KIAA0494	9813	NP_055589	NM 014774	40	2017/8 s at
secretory carrier membrane protein 3	SCAMP3	10067	NP_005689	NM 005698		201//I_at
small nuclear ribonucleoprotein polypeptide A	SNRPA	6626	NP_004587	NM 004596		2017/0 at
cytochrome c oxidase subunit VIc	COX6C	1345	NP_004365	NM_004374		201754 at
tumor protein p53 (LiFraumeni syndrome)	TP53	7157	NP_000537	NM_000546		201/46_at
NADH dehydrogenase (ubiquinone) FeS protein 3 30k	NDUFS3	4722	NP_004542	NM_004551		201740_at
membraneassociated ring finger (C3HC4) 6	MARCH6	10299	NP_005876	NM_005885		201737 s at
UDPNacetylalphuDgalactosamine:polypeptide Nacetylg	GALNTI	2589	NP_065207	NM_020474		201723_s_at
erythrocyte membrane protein band 4.11ike 2	EPB41L2	2037	NP_001422	NM_001431		201719_s_at
cyclin D3	CCND3	896	NP_001751	NM_001760	4D	201700_at
DNA (cytosine5)methyltransferase 1	DNMTI	1786	NP_001370	NM_001379	4D	201697_s_at
nucleoside phosphorylase	NP	4860	NP_000261	NM_000270	4D	201695_s_at
apoptosis inhibitor 5	API5	8539	NP_006586	NM_006595	4D	201687 s at
chromosome 14 open reading frame 92	C14orf92	9878	NP_055643	NM_014828	4D	201684 s_at
peptidase (mitochondrial processing) beta	PMPCB	9512	NP_004270	NM_004279	4D	201682_at
arsenate resistance protein ARS2	ARS2	51593	NP_056992	NM_015908	4D	201680 x at
DC12 protein	DC12	56941	NP_064572	NM_020187	4D	201678 s at
ribosomal protein S17	RPS17	6218	NP_001012	NM_001021	4D	201665_x_at
ADPribosylation factorlike 1	ARLI	400	NP_001168	NM_001177		201658 at
tran	II INOINZ	5,100				
bone marrow stromal cell antigen 2	BS12		NE 004526	NM 005534		201642 at
acid phosphatase 1, soluble	ACPI		NP 004291	NIM 004335	3 8	201641 at
aspartyltRNA synthetase	DARS	15	NP_001340	NM 001349	5 6	201620 S at
staphylococcal nuclease domain containing 1	SNDI	1	NP_055205	NM 014390	40	201622 at
aldehyde dehydrogenase 9 family, member A1	ALDH9A1	223	NP_000687	NM_000696	4D	201612_at
nuclear phosphoprotein similar to S. cerevisiae PW	PWPI	11137	NP_008993	NM_00/062	ŧ	201000 5_81
repressor of estrogen receptor activity	REA		NP 009204	NM 007273	ŧ	201600 at
ornithine aminotransferase (gyrate atrophy)	OAT	4942	NP_000265	NM_000274	40	201599 at
keratin 18	KRT18	3875	NP_000215	NM_000224	4D	201596_x_at
protein phosphatase 4, regulatory subunit 1	PPP4R1	9989	NP_005125	NM_005134	45	201594 s at
response,						

SUII
LANCLI
ACAA2
RSU1
DAF
SLC20A1
FLJ10618
GSPT1
FARP1
CTDSPL
ILI3RAI
IL13RA1
PON2
MPZL1
LOC51035
IBLIX
LRRFIPI
PRG1
CDC25B
NEDD8
TACSTDI
PRKABI
NETI
NETI
RNF14
ENG
VARS2
LBR
RELA
KNTIS

stromal cell derived factor receptor	SDFRI	27020	NP_059429	NM_01/455	ŧ	202228 at
KIAA0907 protein	KIAA0907	22889	NP 055764	NM 014949	ŧ	202220 at
LSM3 homolog, U6 small nuclear RNA associated (S.	LSM3	27258	NP_055278	NM_014463	ŧ	202209_at
autocrine motility factor receptor	AMFR	267	NP_001135	NM_001144	4D	202203 s at
myotubularin related protein 3	MTMR3	8897	NP_066576	NM_021090	4D	202198 s at
L1M domain kinase 2	LIMK2	3985	NP_005560	NM_005569	4D	202193 at
protein phosphatase 2, regulatory subunit B (B56).	PPP2R5A	5525	NP_006234	NM_006243	40	202187 s at
TAF9 RNA polymerase II, TATA box binding protein (TAF9	6880	NP_003178	NM_003187	ŧ	202108_at
tubulin, beta 3	ТОВВЗ	10381	NP_006077	NM_006086	4	202154 x at
neural precursor cell expressed, developmentally d	NEDD9	4739	NP_006394	NM_006403	Đ	202149_at
adenylosuccinate lyase	ADSL	158	NP_000017	NM_000026	40	202144_s_at
zinc finger, MYND domain containing 11	ZMYNDII	10771	NP_006615	NM_006624	4D	202136_at
vabl Abelson murine leukemia viral oncogene homolo	ABLI	5	NP_005148	NM_005137	ŧ	202125 5 at
von Willebrand factor	VWF	7450	NP 000543	NM 000552	ŧ	202112 at
cytochrome c oxidase subunit VIIb	COX7B	1349	NP_001857	NM_001866	ŧ	202110_at
peptidase D	PEPD	5184	NP_000276	NM_000285	ŧ	202108_at
bromodomain containing 4	BRD4	23476	NP_055114	NM_014299	#	202102 s at
vral simian leukemia viral oncogene homolog B (ras	RALB	5899	NP_002872	NVI_002831	ŧ	202101_S_at
vral simian leukemia viral oncogene homolog B (ras	RALB	3899	NF_002072	NM 00200	đ	202101
HMT1 hnRNP methyltransferaselike 1 (S. cerevisiae)	HRMTILI	32/5	NP_001526	NIM OCCOUNT	ŧ	202020 s at
OGT(OGlcNAc transferase)interacting protein 106 KD	OIP106	22906	NP_055/80	NM 014965	ŧ	202002 - all
NADH dehydrogenase (ubiquinone) I, alpha/beta subc	NDUFABI	4706	NP_004994	NM_005003	ŧ	2020//_at
low density lipoprotein receptor (familial hyperch	LDLR	3949	NP 000518	NM_000527	ŧ	202077 s at
sel1 suppressor of lin12like (C. elegans)	SELIL	6400	NP_005056	NM_005065	45	202064 s_at
sell suppressor of lin12like (C. elegans)	SELIL	6400	NP 005056	NM_005065		202061_s_at
TGFB1induced antiapoptotic factor	TIAFI	9220	NP_004731	NM_004740	4D	202039 at
RB1inducible coiledcoil (RBICC1	9821	NP_055596	NM_014781	40	202034 x at
ribosomal protein L38	RPL38	6169	NP_000990	NM_000999	40	202029_x_at

	DVDA			NM 002957	4D	202426_s_at
acylCoA synthetase longchain family member 4	ACSL4	2182	NP_075266	NM_022977	4D	202422 s at
Yip1 interacting factor homolog (S. cerevisiae)	YIFI	10897	NP_065203	NM_020470	4D	202418_at
PRP31 premRNA processing factor 31 homolog (yeast)	PRPF31	26121	NP_056444	NM_015629	40	202408_s_at
cysteinyltRNA synthetase	CARS			NM 001751	4	202402 s_at
adaptorrelated protein complex 3, sigma 2 subunit	AP3S2	10239	NP_005820	NM 005829	8	202399_s_at
transcription elongation regulator 1	TCERGI	10915	NP_006697	NM 006706	40	202396_at
ATPbinding cassette, subfamily F (GCN20), member 3	ABCF3	55324	NP_060828	NM_018358	ŧ	202394_s_at
phosphatidylserine decarboxylase	PISD	23761	NP_055153	NM_014338	4D	202392 s at
leptin receptor overlapping transcript	LEPROT	54741	NP_059996	NM_017526	40	202377_at
transcription elongation factor A (SII)like 4	TCEAL4	79921	NP_079139	NM_024863	4D	202371_at
torsin family 1, member A (torsin A)	TORIA	1861	NP_000104	NM_000113	45	202349 at
fatty acid binding protein 5 (psoriasisassociated)	FABP5	2171	NP_001435	NM_001444	4	202345 s at
ubiquitinconjugating enzyme E2B (RAD6 homolog)	UBE2B	7320	NP_003328	NM_003337	ŧ	202335_s_at
ubiquitinconjugating enzyme E2B (RAD6 homolog)	UBE2B	7320	NP_003328	NM_003337	ŧ	202334_S_at
polycystic kidney disease 1 (autosomal dominant	PKDI	5310	NP_000287	NM_000296	4D	202328_s_at
HLAB associated transcript 8	BAT8	10919	NP_006700	NM_006709	4D	202326_at
geranylgeranyl diphosphate synthase	GGPS1	9453	NP_004828	NM_004837	40	202322_s_at
polymerase (RNA) II (DNA directed) polypeptide G	POLR2G	5436	NP_002687	NM_002696	ŧ	202306_at
NADH dehydrogenase (ubiquinone) 1 alpha subcomplex	NDUFAI	4694	NP_004532	NM_004541	ŧ	202298_at
homolog						-
RER1 retention in endoplasmic reticulum 1	RERI	11079	NP_008964	NM_007033	4D	202296 s at
laminin, gamma 2	LAMC2	3918	NP_005553	NM_005562	45	202267_at
TRAF and TNF receptor associated protein	TTRAP	51567	NP_057698	NM_016614	4	202266_at
hom						
translocase of outer mitochondrial membrane 40	TOMM40	10452	NP_006105	NM_006114	4D	202264 s at
transcription factorlike 1	TCFLI	6944	NP 005988	NM_005997	4D	202261_at
phosphonoformate immunoassociated protein 5	PFAAP5	10443	NP 055702	NM_014887	4D	202259 s at
cyclindependent kinase 4	CDK4	1019	NP_000066	NM_000075	4D	202246_s_at
nicotinamide Nmethyltransferase	ZZZZ	4837	NP_006160	1000 INN	ŧ	202257 at

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202428_x_at	4D	NM_020548	NP_065438	1622	DBI	DBI diazepam binding inhibitor (GABA receptor modulato
202431_s_at	#	NM_002467	NP_002458	4609	МҮС	vmyc myelocytomatosis viral oncogene homolog (avia
202434_s_at	4D	NM_000104	NP_000095	1545	CYPIBI	cytochrome P450, family 1, subfamily B, polypeptid
202442 at	4D	NM_001284	NP_001275	1176	AP3S1	adaptorrelated protein complex 3, sigma subunit
202444 s at	4D	NM_006459	NP_006450	10613	SPFHI	SPFH domain family, member 1
202449_s_at	4D	NM_002957	NP_002948	6256	RXRA	retinoid X receptor, alpha
202456 s at	4D	NM_006336	NP_006327	10444	C9orf60	chromosome 9 open reading frame 60
202459 s at	4D	NM_014646	NP_055461	9663	LPIN2	lipin 2
202464_s_at	4D	NM_004566	NP_004557	5209	PFKFB3	6phosphofructo2kinase/fructose2,6biphosphatase
202468_s_at	4D	NM_003798	NP_003789	8727	CTNNALI	catenin (cadherinassociated protein), alphalike 1
202475_at	4D	NM_006326				
202483_s_at	4D	NM_002882	NP_002873	5902	RANBPI	RAN binding protein 1
202488 s at	4D	NM_005971	NP_005962	5349	FXYD3	FXYD domain containing ion transport regulator 3
202498 s at	40	NM_006931	NP_008862	6515	SLC2A3	solute carrier family 2 (facilitated glucose trans
202502_at	4D	NM_000016	NP_000007	34	ACADM	acylCoenzyme A dehydrogenase, C4 to C12 straight c
202509_s_at	4D	NM_006291	NP_006282	7127	TNFAIP2	tumor necrosis factor, alphainduced protein 2
202513_s_at	4D	NM_006245	NP_006236	5528	PPP2R5D	protein phosphatase 2, regulatory subunit B (B56).
202520_s_at	4D	NM_000249	NP_000240	4292	MLHI	mutL homolog 1, colon cancer, nonpolyposis type
202521_at	4D	NM_006565	NP_006556	10664	CTCF	CCCTCbinding factor (zinc finger protein)
202531_at	4D	NM_002198	NP_002189	3659	IRF1	interferon regulatory factor 1
202536 at	4D	NM_014043	NP_054762	25978	DKFZP5640123	DKFZP564O123 protein
202540 s at	4D	NM 000859	NP_000850	3156	HMGCR	3hydroxy3methylglutarylCoenzyme A reductase
202553_s_at	4D	NM_015484	NP_056299	25949	P29	GCIPinteracting protein p29
202560_s_at	4D	NM_015607	NP_056422	26097	DKFZP547E101	DKFZP547E1010 protein
202565 s at	4D	NM_003174	NP 003165	6840	SVIL	supervillin
202567_at	4D	NM_004175	NP_004166	6634	SNRPD3	small nuclear ribonucleoprotein D3 polypeptide
202577 s at	4D	NM_018332	NP 060802	55308	DDX19L	DEAD (AspGluAlaAs) box polypeptide 19like

202581_at	4D	NM_005346	NP_005337	3304	HSPAIB	heat shock 70kDa protein 1B
202591 s at	4D	NM_003143	NP_003134	6742	SSBPI	singlestranded DNA binding protein 1
202593 s_at	4D	NM_016641	NP_057725	51573	MIR16	membrane interacting protein of RGS16
202600_s_at	4D	NM_003489	NP 003480	8204	NRIP1	nuclear receptor interacting protein 1
202611 s at	4D	NM_004229	NP_004220	9282	CRSP2	cofactor required for Sp1 transcriptional activati
202618_s_at	4D	NM_004992	NP_004983	4204	MECP2	methyl CpG binding protein 2 (Rett syndrome)
202620_s_at	4D	NM_000935	NP_000926	5352	PLOD2	procollagenlysine, 20xoglutarate 5dioxygenase 2
202623_at	4D	NM_018453	NP_060923	55837	C14orf11	chromosome 14 open reading frame 11
202630_at	4D	NM_006380	NP_006371	10513	APPBP2	amyloid beta precursor protein (cytoplasmic tail)
202635_s_at	4D	NM_005034	NP_005025	5440	POLR2K	polymerase (RNA) II (DNA directed) polypeptide K,
202641_at	4D	NM_004311	NP_004302	403	ARL3	ADPribosylation factorlike 3
202643_s_at	4D	NM_006290	NP_006281	7128	TNFAIP3	tumor necrosis factor, alphainduced protein 3
202644 s at	4D	NM_006290	NP_006281	7128	TNFAIP3	tumor necrosis factor, alphainduced protein 3
202649 x_at	4D	NM_001022	NP_001013	6223	RPS19	ribosomal protein \$19
202651_at	4D	NM_014873	NP_055688	9926	LPGAT1	lysophosphatidylglycerol acyltransferase 1
202654_x_at	4D	NM_022826	NP_073737	64844	MARCH7	membraneassociated ring finger (C3HC4) 7
202658_at	40	NM_003846	NP_003837	8799	PEX11B	peroxisomal biogenesis factor 11B
202663_at	Đ	NM_003387	NP_003378	7456	WASPIP	WiskottAldrich syndrome protein interacting protei
202665_s_at	4D	NM_003387	NP_003378	7456	WASPIP	WiskottAldrich syndrome protein interacting protei
202678_at	4D	NM_004492	NP_004483	2958	GTF2A2	general transcription factor IIA, 2, 12kDa
202690_s_at	4D	NM_006938	NP_008869	6632	SNRPDI	small nuclear ribonucleoprotein D1 polypeptide 16k
202692_s_at	4D	NM_014233	NP_055048	7343	UBTF	upstream binding transcription factor, RNA polymer
202695 s at	4D	NM_004760	NP_004751	9263	STK17A	serine/threonine kinase 17a (apoptosisinducing)
202698 x at	4b	NM_001861	NP_001852	1327	COX4II	cytochrome c oxidase subunit IV isoform 1
202710_at	4D	NM_005868	NP_005859	10282	BET1	BET1 homolog (S. cerevisiae)
202726_at	4D	NM_000234	NP_000225	3978	LIGI	ligase I, DNA, ATPdependent
202728 s at	4D	NM_000627	NP_000618	4052	LTBPI	latent transforming growth factor beta binding pro
202747 s at	4D	NM_004867	NP_004858	9452	ITM2A	integral membrane protein 2A
202748 at	4D	NM_004120	NP_004111	2634	GBP2	guanylate binding protein 2, interferoninducible
202749_at	4D	NM_004627	NP_004618	7485	WRB	tryptophan rich basic protein
202754_at	4D	NM_015361	NP 056176	23518	R3HDM	R3H domain (binds singlestranded nucleic acids)
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202758 s at	4D	NM_003721	NP_003712	8625	RFXANK	regulatory factor Xassociated ankyrincontaining pr
202759 s at	4D	NM_007203	NP_009134	445815	PALM2AKAP2	PALM2AKAP2 protein
202766_s_at	4D	NM_000138	NP_000129	2200	FBNI	fibrillin I (Marfan syndrome)
202767_at	4D	NM_001610	NP_001601	53	ACP2	acid phosphatase 2, lysosomal
202770 s at	4D	NM_004354	NP_004345	901	CCNG2	cyclin G2
202775_s_at	4D	NM_004592	NP_004583	6433	SFRS8	splicing factor, arginine/serinerich 8 (suppressor
202777 at	4D	NM_007373	NP_031399	8036	SHOC2	soc2 suppressor of clear homolog (C. elegans)
202781_s_at	4D	NM_016532	NP_057616	51763	SKIP	skeletal muscle and kidney enriched inositol phosp
202785_at	4D	NM_005001	NP_004992	4701	NDUFA7	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex
202787_s_at	4D	NM_004635	NP_004626	7867	MAPKAPK3	mitogenactivated protein kinaseactivated protein k
202789_at	4D	NM_182811	NP_877963	5335	PLCG1	phospholipase C, gamma 1
202800_at	4D	NM_004172	NP_004163	6507	SLC1A3	solute carrier family 1 (glial high affinity gluta
202806_at	4D	NM_004395	NP_004386	1627	DBNI	drebrin 1
202810_at	4D	NM_004147	NP_004138	4733	DRG1	developmentally regulated GTP binding protein
202811_at	4D	NM_006463	NP_006454	10617	STAMBP	STAM binding protein
202813_at	4D	NM_005646	NP_005637	6894	TARBPI	TAR (HIV) RNA binding protein 1
202817_s_at	4D	NM_005637	NP_005628	6760	SS18	synovial sarcoma translocation, chromosome 18
202818 s at	4D	NM_003198	NP_003189	6924	ТСЕВ3	transcription elongation factor B (SIII), polypept
202822_at	4D	NM_005578	NP_005569	4026	LPP	LIM domain containing preferred translocation
202832_at	4D	NM_014635	NP_055450	9648	GCC2	GRIP and coiledcoil domain containing 2
202833 s at	4D	NM_000295	NP_000286	5265	SERPINAL	serine (or cysteine) proteinase inhibitor, clade A
202838 at	4D	NM_000147	NP_000138	2517	FUCA1	fucosidase, alphal. 1, tissue
202839_s_at	₽	NM_004146	NP_004137	4713	NDUFB7	NADH dehydrogenase (ubiquinone) 1 beta subcomplex,
202846 s at	4D	NM_002642	NP_002633	5279	PIGC	phosphatidylinositol glycan, class C
202855 s at	4D	NM_004207	NP_004198	9123	SLC16A3	solute carrier family 16 (monocarboxylic acid tran
202856_s_at	4D	NM_004207	NP 004198	9123	SLC16A3	solute carrier family 16 (monocarboxylic acid tran
202857_at	4D	NM_014255	NP 055070	10330	TMEM4	transmembrane protein 4
202866_at	4D	NM_001002762	NP_001002762	54788	DNAJB12	DnaJ (Hsp40) homolog, subfamily B, member 12
202882 x at	4D	NM_016167	NP_057251	51406	NOL7	nucleolar protein 7, 27kDa
202887_s_at	4D	NM_019058	NP_061931	54541	DDIT4	DNAdamageinducible transcript 4
202888 s at	4D	NM_001150	NP_001141	290	ANPEP	alanyl (membrane) aminopeptidase

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breast carcinoma amplified sequence 2	BCAS2	10286	NP_005863	NM_005872	4D	203053_at
-	TIMEI ESS	8914	NP 003911	NM 003920	4D	203046 s at
	LAMP2	3920	NP 002285	NM 002294	ŧ ŧ	203042 at
	UROS	7390	NP_000366	NM_000375	45	203031_s_at
	PTPRN2	5799	NP 002838	NM_002847	4D	203030 s at
	PTPRN2	5799	NP_002838	NM_002847	4D	203029_s_at
	ZBTB5	9925	NP_055687	NM_014872	4D	203026_at
	HSPCIII	51491	NP_057475	NM_016391	4D	203023_at
	SSX2IP	117178	NP_054740	NM_014021	4D	203019_x_at
	RPL23A	6147	NP_000975	NM_000984	4D	203012_x_at
	MPPI	4354	NP_002427	NM_002436	4D	202974_at
	DYRK2	8445	NP_006473	NM_006482	4D	202971_s_at
	DYRK2	8445	NP_006473	NM_006482	4D	202968_s_at
	CAPN6	827	NP 055104	NM_014289	4D	202966_at
	RFX5	5993	NP_000440	NM_000449	4D	202963_at
	ATP5J2	9551	NP_004880	NM_004889	4D	202961_s_at
	NAGA	4668	NP_000253	NM_000262	4D	202943_s_at
	YESI	7525	NP_005424	NM_005433	4D	202933_s_at
	NAG	51594	NP_056993	NM_015909	4D	202926 at
	GCLC	2729	NP_001489	NM_001498	4D	202922_at
	ANK2	287	NP_001139	NM_001148	4D	202921_s_at
	CD97	976	NP_001775	NM_001784	4D	202910_s_at
	NBSI	4683	NP_002476	NM_002485	4D	202907 s at
	NBSI	4683	NP_002476	NM_002485	4D	202906 s at
	NBSI	4683	NP_002476	NM 002485	4D	202905_x_at
	CTSS	1520	NP_004070	NM_004079	4D	202902 s at
				NM_004648	45	202896 s at
	PTPNSI	140885	NP_542970	NM_080792	4D	202895 s at
	CDC23	8697	NP_004652	NM_004661	4D	202892_at
	MAP7	9053	NP_003971	NM_003980	4D	202889_x_at

203058 s at	\$	NM_004670	NP 004661	9060	PAPSS2	3'phosphoadenosine 5'phosphosulfate synthase 2
203064 s at	à é	NM 004514	NP 004505	3607	PAPSS2	5 phosphoadenosine 5 phosphosultate synthase 2
203066 at	4D	NM_014863	100			
203068 at	4D	NM_014851	NP 055666	9903	KLHL21	kelchlike 21 (Drosophila)
203073_at	4D	NM_007357	NP_031383	22796	COG2	component of oligomeric golgi complex 2
203089_s_at	4D	NM_013247	NP_037379	27429	PRSS25	protease, serine, 25
203095_at	4D	NM_002453	NP_002444	4528	MTIF2	mitochondrial translational initiation factor 2
203097 s_at	4D	NM_014247				
203117_s_at	4D	NM_014871	NP_055686	9924	USP52	ubiquitin specific protease 52
203126_at	4D	NM_014214	NP_055029	3613	IMPA2	inositol(myo)1(or 4)monophosphatase 2
203133_at	4D	NM_006808	NP_006799	10952	SEC61B	Sec61 beta subunit
203135_at	4D	NM_003194	NP_003185	6908	TBP	TATA box binding protein
203144_s_at	4D	NM_014656	NP_055471	9674	K1AA0040	KIAA0040 gene product
203155_at	4D	NM_012432	NP_036564	9869	SETDBI	SET domain, bifurcated 1
203156_at	4D	NM_016248	NP_057332	11215	AKAPII	A kinase (PRKA) anchor protein 11
203167_at	4D	NM_003255	NP_003246	7077	TIMP2	tissue inhibitor of metalloproteinase 2
203168_at	4D	NM_004381	NP_004372	1388	CREBL1	cAMP responsive element binding proteinlike 1
203171_s_at	4D	NM_015324	NP_056139	23378	KIAA0409	K1AA0409 protein
203173 s at	4D	NM_020314	NP_064710	57020	MGC16824	esophageal cancer associated protein
203178_at	4D	NM_001482	NP_001473	2628	GATM	glycine amidinotransferase (Larginine:glycine amid
203182 s_at	4D	NM_003138				
203199_s_at	4D	NM_002454	NP_002445	4552	MTRR	5methyltetrahydrofolatehomocysteine methyltransfer
203202_at	4D	NM_007043	NP_008974	11103	HRB2	HIVI rev binding protein 2
203219_s_at	4D	NM_000485	NP_000476	353	APRT	adenine phosphoribosyltransferase
203227_s_at	4D	NM_005981	NP_005972	6302	SAS	sarcoma amplified sequence
203240_at	4D	NM_003890	NP_003881	8857	FCGBP	Fc fragment of IgG binding protein
203259_s_at	4D	NM_016063	NP_057147	51020	C6orf74	chromosome 6 open reading frame 74
203277_at	4D	NM_004401	NP_004392	1676	DFFA	DNA fragmentation factor, 45kDa, alpha polypeptide
203292 s_at	40	NM_021729	NP_068375	55823	VPS11	vacuolar protein sorting 11 (yeast)
203298 s at	40	NM_004973	NP_004964	3720	JARID2	Jumonji, AT rich interactive domain 2
203310_at	4D	NM_007269	NP_009200	6814	STXBP3	syntaxin binding protein 3

	IOGAPO	10788	NP 006624	NM 006633	40	203474 at
solute carrier organic anion transporter family, m	SLCO2B1	11309	NP_009187	NM_007256	40	203472 s at
pleckstrin	PLEK	5341	NP_002655	NM_002664	4D	203471_s_at
pleckstrin	PLEK	5341	NP_002655	NM_002664	4D	203470 s_at
cyclindependent kinase (CDC2like) 10	CDK10	8558	NP_003665	NM_003674	4	203469 s at
presenilin I (Alzheimer disease 3)	PSENI	5663	NP 015557	NM 007318	4D	203460 s at
spermidine/spermine N1 acetyltransferase	SAT	6303	NP_002961	NM_002970	4D	203455 s at
L1M domain binding 1	LDB1	8861	NP_003884	NM_003893	4D	203451_at
PKD2 interactor, golgi and endoplasmic reticulum a	PGEAI	25776	NP_056188	NM_015373	4D	203450_at
cadherin 2, type 1, Ncadherin (neuronal)	CDH2	1000	NP_001783	NM_001792	4D	203440_at
ribonuclease P/MRP 30kDa subunit	RPP30	10556	NP_006404	NM_006413	4D	203436_at
membrane metalloendopeptidase (neutral endopeptida	мме	4311	NP_009218	NM_007287	40	203435_s_at
family with sequence similarity 8, member A1	FAM8A1	51439	NP_057339	NM_016255	4D	203420_at
CD53 antigen	CD53	963	NP_000551	NM_000560	4D	203416 at
Down syndrome critical region gene 2	DSCR2	8624	NP_003711	NM_003720	4D	203405_at
transferrin	TF	7018	NP_001054	NM_001063	4D	203400 s at
pregnancy specific beta1glycoprotein 3	PSG3	5671	NP_066296	NM_021016	4D	203399 x at
UDPNacetylalphaDgalactosamine:polypeptide Nacetylg	GALNT3	2591	NP_004473	NM_004482	40	20339/_s_at
kinesin family member 3C	KIF3C	3797	NP_002245	NM_002254	45	203390_s_at
kinesin family member 3C	KIF3C	3797	NP_002245	NM_002254	4D	203389_at
diacylglycerol kinase, alpha 80kDa	DGKA	1606	NP 001336	NM_001345	4D	203385 at
cell division cycle 40 homolog (yeast)	CDC40	51362	NP 056975	NM_015891	40	203376_at
tripeptidyl peptidase II	TPP2	7174	NP_003282	NM_003291	4D	203375 s at
tripeptidyl peptidase II	TPP2	7174	NP_003282	NM_003291	40	203374 s at
cmyc binding protein	MYCBP	26292	NP_036465	NM_012333	40	203361 s at
enhancer of zeste homolog 2 (Drosophila)	EZH2	2146	NP_004447	NM_004456	4D	203358 s_at
adaptorrelated protein complex 1, gamma 1 subunit	APIGI	164	NP_001119	NM_001128	40	203350_at
caveolin 2	CAV2	858	NP_001224	NM_001233	4D	203324 s at
zinc finger protein 148 (pHZ52)	ZNF148	7707	NP 068799	NM_021964	40	203319 s at
small nuclear ribonucleoprotein polypeptide E	SNRPE	6635	NP_003085	NM_003094	4D	203316_s_at
our official brotein o (butauve)	011010					

203478_at	4D	NM_002494	NP_002485	4717	NDUFC1	NADH dehydrogenasc (ubiquinone) 1,
203484 at	4D	NM_014302	NP_055117	23480	SEC61G	Sec61 gamma subunit
203494 s at	4D	NM_014679	NP 055494	9702	PIG8	translokin
203497_at	4D	NM_004774	NP_004765	5469	PPARBP	PPAR binding protein
203499_at	4D	NM_004431	NP_004422	1969	EPHA2	EPH receptor A2
203508_at	4D	NM_001066	NP_001057	7133	TNFRSF1B	tumor necrosis factor receptor superfamily, member
203515_s_at	4D	NM_006556	NP_006547	10654	PMVK	phosphomevalonate kinase
203527_s_at	4D	NM_000038	NP_000029	324	APC	adenomatosis polyposis coli
203534_at	4D	NM_014462	NP_055277	27257	IMST	LSM1 homolog, U6 small nuclear RNA associated (S.
203538_at	4D	NM_001745	NP_001736	819	CAMLG	calcium modulating ligand
203547_at	4D	NM_000616	NP_000607	920	CD4	CD4 antigen (p55)
203556_at	4D	NM_014943	NP_055758	22882	ZHX2	zinc fingers and homeoboxes 2
203564_at	4D	NM_004629	NP_004620	2189	FANCG	Fanconi anemia, complementation group G
203569 s at	4D	NM_003611	NP_003602	8481	OFDI	oralfacialdigital syndrome 1
203574 at	4D	NM_005384	NP_005375	4783	NFIL3	nuclear factor, interleukin 3 regulated
203575_at	4D	NM_001896	NP_001887	1459	CSNK2A2	casein kinase 2, alpha prime polypeptide
203579 s at	4D	NM_003983	NP_003974	9057	SLC7A6	solute carrier family 7 (cationic amino acid trans
203580 s at	4D	NM_003983	NP_003974	9057	SLC7A6	solute carrier family 7 (cationic amino acid trans
203583_at	4D	NM_014044	NP_054763	25972	UNC50	unc50 homolog (C. elegans)
203597_s_at	4D	NM_007187	NP_009118	11193	WBP4	WW domain binding protein 4 (formin binding protei
203599_s_at	4D	NM_007187	NP_009118	11193	WBP4	WW domain binding protein 4 (formin binding protei
203607_at	4D	NM_014937	NP_055752	22876	INPP5F	inositol polyphosphate5phosphatase F
203611_at	4D		NP_005643	7014	TERF2	telomeric repeat binding factor 2
203614_at	4D	NM_021645	NP_067677	9724	UTP14C	UTP14, U3 small nucleolar ribonucleoprotein, homol
203616_at	4D	NM_002690	NP_002681	5423	BOLB	polymerase (DNA directed), beta
203617_x_at	4D	NM_005229	NP_005220	2002	ELKI	ELK1, member of ETS oncogene family
203634_s_at	4D	NM_001876	NP_001867	1374	CPTIA	carnitine palmitoyltransferase 1A (liver)
203635_at	4D	NM 006052	NP_006043	10311	DSCR3	Down syndrome critical region gene 3
203650_at	4D	NM_006404	NP_006395	10544	PROCR	protein C receptor, endothelial (EPCR)
203653_s_at	4D	NM_004645	NP_004636	8161	COIT	coilin
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		26				NYI-4308224vI
small nuclear ribonucleoprotein polypeptide F	SNRPF	6636	NP_003086	NM_003095	4D	203832_at
KIAA1002 protein	KIAA1002	22864	NP_055740	NM_014925	4D	203831 at
WD40 repeat protein Interacting with phospholnosit	WIPI49	55062	NP_060453	NM_017983	4D	203827_at
bromodomain containing 3	BRD3	8019		NM_007371	4D	203825 at
IGFII mRNAbinding protein 3	IMP3	10643	NP_006538	NM_006547	4D	203820 s at
slit homolog 3 (Drosophila)	SLIT3	6586	NP_003053	NM_003062	4D	203813 s at
DnaJ (Hsp40) homolog, subfamily B, member 4	DNAJB4	11080	NP_008965	NM_007034	4D	203810_at
NOL1/NOP2/Sun domain family, member 5	NSUN5	55695	NP_060514	NM_018044	4D	203802 x at
mitochondrial ribosomal protein S14	MRPS14	63931	NP_071383	NM_022100	4D	203800_s_at
Bcell CLL/lymphoma 7A	BCL7A	605	NP_066273	NM_020993	4D	203795_s_at
mitochondrial ribosomal protein L33	MRPL33	9553	NP_004882	NM_004891	4D	203781_at
leiomodin I (smooth muscle)	LMODI	25802	NP_036266	NM_012134	ŧĐ	203766_s_at
grancalcin, EFhand calcium binding protein	GCA	25801	NP_036330	NM_012198	4D	203765_at
Srclikeadaptor	SLA	6503	NP_006739	NM_006748	4D	203761_at
Srclikeadaptor	SLA	6503	NP_006739	NM_006748	4D	203760 s at
transcription factor 4	TCF4	6925	NP_003190	NM_003199	4D	203753_at
RNA binding motif, single stranded interacting pro	RBMS1	5937	NP_058523	NM_016839	40	203748_x_at
hemelyase)	IICC	1002		000000	i	
holombohom	HOOS	CSOS		NM 005333	4D	203745 at
peroxisome proliferative activated receptor, gamma	PPRCI	23082	NP_055877	NM_015062	4D	203737_s_at
KIAA0020	KIAA0020	9933		NM_014878	4D	203712_at
phosphodiesterase 4B, cAMPspecific (phosphodiester	PDE4B	5142	NP_002591	NM_002600	4D	203708_at
hypothetical protein FLJ20244	FLJ20244	55621	NP_060192	NM_017722	4D	203701 s_at
tubulin, gamma complex associated protein 3	TUBGCP3	10426	NP_006313	NM_006322	4D	203690_at
transmembrane emp24 domain containing 1	TMED1	11018	NP 006849	NM_006858	4D	203679 at
KIAA1018 protein	KIAA1018	22909	NP_055782	NM_014967	4D	203678_at
nucleobindin 2	NUCB2	4925	NP_005004	NM_005013	4D	203675_at
thiopurine Smethyltransferase	TPMT	7172	NP_000358	NM_000367	4D	203672 x at
mannosidase, alpha, class 2C, member 1	MAN2C1	4123	NP_006706	NM_006715	4D	203668_at
tubulinspecific chaperone a	TBCA	6902	NP_004598	NM_004607	4D	203667 at
Xray repair complementing defective repair in Chin	XRCC1	7515	NP_006288	NM_006297	4D	203655_at

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NP 005687 8548 NP 005687 8548 NP 006801 10954 NP 001069 7412 NP 001065 10063 NP 055814 23011 NP 005885 10063 NP 055814 23011 NP 00587 6880 NP 00587 6880 NP 005881 3248 NP 004885 3248 NP 004885 3218 NP 004885 313248 NP 004885 313248 NP 004885 31348 NP 004885 31348 NP 004885 313	nucleotide binding protein I (MinD homolog, E	NUBPI	4682	NP_002475	NM_002484	4D	203978_at
NP 003687 S448 BLZF	CCAAT/enhance	CEBPD	1052	NP_005186	NM_005195	4D	203973 s at
NP 003687 2248 BLZE1 NP 005881 10954 PDIR NP 006881 10954 PDIR NP 006881 10954 PDIR NP 006881 10954 PDIR NP 006885 10063 COX17 NP 005885 10063 COX17 NP 005881 25018 RAB21 NP 0057367 6880 TAF9 NP 007367 6880 TAF9 NP 007368 9411 PARG1 NP 000851 25248 HPGD NP 001678 13248 HPGD NP 001678 9435 CHST2 NP 001678 9435 CHST2 NP 001678 13 ATP5D NP 001678 513 ATP5D NP 001678 513 TAF1C NP 008890 913 TAF1C NP 008980 911 KIF3B NP 008980 911 NMI NP 008980 911 NMI NP 008980 911 NMI NP 008080 911 NMI NP 008080 911 NMI	CDC6 cell division cerevisiae)	CDC6	990	NP_001245	NM_001254	#	203968_S_at
S NP 003637 2548 BLZE1 NP 005878 25911 WDR47 D NP 006801 10954 PDR NP 006805 25168 SENP3 NP 0056485 25168 SENP3 NP 005685 10063 COX17 NP 00581 25016 RAR21 NP 0057367 6880 TAF9 NP 005222 3732 KA11 NP 005223 3732 KA11 NP 004805 9411 PARG1 NP 000851 3248 HPGD NP 000851 3248 HPGD NP 000851 3248 HPGD NP 000858 6919 TCEA2 NP 004985 9435 CHST2 NP 004985 4318 MMP9 NP 004789 9437 TAF1C NP 004789 11120 BTN2A1 NP 0048980 11120 BTN2A1 NP 004899 12644 CNN1	protein phosphata magnesiumdep	PPMIA	5494	NP_066283	NM 021003	ŧ	203966_S_at
NP 003687 S448 BLZF	Nmyc (and STAT	IMN	9111	NP_004679	NM_004688	4D	203964_at
NP 003687 259.14 BLZF1	calponin 1, basic,	CNNI	1264	NP_001290	NM_001299	4D	203951_at
NP 0056485 8448 BLZE1 NP 0056485 9211 WDR47 NP 0056485 26168 SENP3 NP 0056485 26168 SENP3 NP 0056885 10063 COX17 NP 005881 12301 RAB21 NP 005887 10063 COX17 NP 005887 2501 RAB21 NP 0057367 8880 TAF9 NP 0057367 8880 TAF9 NP 00581 3248 HPGD NP 000851 3248 HPGD NP 000851 3248 HPGD NP 000851 3248 HPGD NP 001886 6919 TCEA2 NP 004985 9435 CHST2 NP 004985 4318 MMP9 NP 004985 4318 MMP9 NP 004985 4318 MMP9 NP 004789 9971 KF3B	butyrophilin, sub:	BTN2AI	11120	NP_008980	NM_007049	4D	203944 x at
NP 003687 24 28.91	kinesin family m	KIF3B	9371	NP_004789	NM_004798	40	203943_at
NP 003687 2248 BLZE1 NP 005784 22941 WDR47 NP 005688 2510 WDR47 NP 005688 26168 SENP3 NP 005688 10063 COX17 NP 00588 10063 COX17 NP 00588 10063 COX17 NP 00588 10063 COX17 NP 0057367 6880 TAF9 NP 0057367 6880 TAF9 NP 0057367 2324 KAII NP 00480 9941 PARGI NP 000851 3248 HPGD NP 000851 3248 HPGD NP 000858 6919 TCFA2 NP 00498 6919 TCFA2 NP 00498 513 ATP5D NP 00498 513 ATP5D	TATA box bindii factor, R	TAFIC	9013	NP_005670	NM_005679	4D	203938_s_at
NP 003657 8548 BLZE1 NP 008801 10954 PDIR NP 008801 10954 PDIR NP 008801 10954 PDIR NP 001069 7412 VCAMI NP 001069 7412 VCAMI NP 0056485 10063 COXI7 NP 005685 10063 COXI7 NP 005884 23011 RAB21 NP 005881 6133 DAPR3 NP 007367 6880 TAF9 NP 007367 6880 TAF9 NP 002222 3732 KAII NP 004806 9411 PARGI NP 000851 3248 HPGD NP 001678 513 ATP5D	matrix metallopn ge	MMP9	4318	NP_004985	NM_004994	4D	203936_s_at
NP_003657 8548 BLZE1 NP_0055784 DD1R NP_006801 10954 PD1R NP_006801 10954 PCAM1 NP_0056485 10063 COX17 NP_005685 10063 COX17 NP_005881 10063 COX17 NP_005881 10063 COX17 NP_005881 10063 COX17 NP_003881 1613 DAPK3 NP_007367 6880 TAF9 NP_007367 6880 TAF9 NP_00881 2248 HPGD NP_000881 2248 HPGD	ATP synthase, H	ATP5D	513	NP_001678	NM_001687	Đ	203926_x_at
NP 003687 2548 BLZE1 NP 005784 2591 WDR477 NP 006801 10954 PDJR NP 006801 10954 PDJR NP 006805 26168 SENP3 NP 005885 26168 COX17 NP 005881 22611 RAB21 NP 001339 1613 DAPK3 NP 001386 9119 INFGD	carbohydrate (Na sulfotransfera	CHST2	9435	NP_004258	NM_004267	4D	203921_at
NP_003657 8548 BLZE1 NP_0055784 DDR47 NP_006801 10954 PDIR NP_006801 10954 PDIR NP_0056485 26168 CENP3 NP_0056485 10063 COX17 NP_005885 10063 COX17 NP_005881 22011 RAB21 NP_001393 1613 DAPK3 NP_007367 6880 TAF9 NP_007367 6880 TAF9 NP_003801 2248 HPGD NP_000851 2248 HPGD	transcription elon	TCEA2	6919	NP_003186	NM_003195	4D	203919_at
NP 003657 8548 BLZE1 NP 005784 22911 WDR47 NP 006801 10954 PDIR NP 006805 7412 VCAMI NP 006805 7412 VCAMI NP 0056485 26168 SENP3 NP 0056485 10063 COXI7 NP 005683 10063 COXI7 NP 00581 23011 RAB21 NP 007367 6880 TAF9 NP 004806 9411 PARG1 NP 004806 9411 PARG1 NP 004806 9411 PARG1	hydroxyprostagla	HPGD	3248	NP_000851	NM_000860	4D	203914 x at
NP_003537 8548 BLZFI NP_0056874 22911 WDRA/7 NP_006801 10954 PDJR NP_006801 10954 PDJR NP_005885 26168 SENP3 NP_005885 10063 COX17 NP_005881 22011 RAB21 NP_0057367 6880 TAF9 NP_007327 5732 KAII NP_004806 9411 PARG1	hydroxyprostaglar	HPGD	3248	NP_000851	NM_000860	4D	203913 s at
NP_005657 8548 BLZE1 NP_055784 22911 WDR47 NP_06801 10954 PDIR NP_060801 7412 VCAM1 NP_061069 7412 VCAM1 NP_0656485 26168 SENP3 NP_065685 10063 COX17 NP_05814 22011 RAB21 NP_053814 22011 RAB21 NP_057367 6880 TAF9 NP_057367 6880 TAF9	PTPL lassociated	PARG1	9411	NP_004806	NM_004815	4D	203910_at
NP 003657 8548 BLZF1 NP 06801 10954 PDIR NP 006801 10954 PDIR NP 006805 7412 VCAM1 NP 0056485 10663 COX17 NP 005685 10663 COX17 NP 05814 23011 RAB21 NP 057367 6880 TAF9	kangai I (suppres	KAH	3732	NP_002222	NM_002231	4D	203904_x_at
NP 003657 8548 BLZF1 NP 005784 22911 WDRA/7 NP 006801 10954 PDJR NP 006801 10954 PDJR NP 006485 26168 SENP3 NP 005885 10063 COX17 NP 055814 22011 RAB21 NP 0053814 22011 RAB21 NP 0057367 6880 TAF9					NM_024547	4D	203900_at
NP 005687 8548 BLZE1 NP 005784 22911 WDR47 NP 006801 10954 PDIR NP 0056485 26168 SENP3 NP 005685 10063 COX17 NP 005881 2391 RAB21 NP 005881 2391 RAB21 NP 005881 2391 RAB21	TAF9 RNA polyi protein (TAF9	6880	NP_057367	NM_016283	Ð	203893_at
NP_005657 8548 BLZF1 NP_055784 22911 WDR47 NP_06801 10954 PDIR NP_001069 7412 VCAM1 NP_056485 25668 SENP3 NP_005685 10063 COX17 NP_055814 23011 RAB21	deathassociated p	DAPK3	1613	NP_001339	NM_001348	4D	203890 s at
NP 003657 8548 BLZF1 NP 055784 22911 WDR47 NP 008801 10954 PDIR NP 001069 7412 VCAM1 NP 056485 26168 SENP3 NP 005685 10063 COX17	RAB21, member	RAB21	23011	NP_055814	NM_014999	Đ	203885_at
NP 003657 8548 BLZF1 NP 055784 22911 WDR47 NP 06801 10954 PDIR NP 001069 7412 VCAMI NP 056485 25168 SENP3	COX17 homolog prote	COX17	10063	NP_005685	NN 003694	ŧ	203000_at
NP 003657 8548 BLZE1 NP 055784 22911 WDR47 NP 006801 10954 PDIR NP 001069 7412 VCAM1	SUMOI/sentrin/	SENP3		NP_056485	NM 015670	ŧ	203871 at
NP_03657 8348 BLZFI NP_055784 22911 WDR47 NP_066801 10954 PDIR	vascular cell adhe	VCAMI	7412	NP_001069	NM 001078	4D	203868 s at
NP_003657 8548 BLZFI NP_055784 22911 WDR47	for protein disulf	PDIR	10954	NP_006801	NM 006810	4D	203857 s at
NP_003657 8548 BLZF1	WD repeat doma	WDR47	22911	NP 055784	NM_014969	4D	203855_at
	basic leucine zipp	BLZFI	8548	NP_003657	NM_003666	4D	203840_at
1_005512 NP_005503 2615 GARP glycoprotein A repetitions predominant	glycoprotein A re	GARP	2615	NP_005503	NM_005512	4D	203835_at

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2000010		Killetocitore associated 2
NP_006092 10403 K	KNTC2	ئ
NP_009042 7027 T	TFDPI	
55556	ENOSFI	ξĒ
55556	ENOSFI	
8460	TPSTI	
NP_001446 2309 F	FOXO3A	A
NP_001446 2309 F	FOXO3A	
5983	RFC3	
NP_002906 5983 F	RFC3	
NP_057097 51103 P	NDUFAF	(F)
NP_002717 5550 F	PREP	
NP_057108 51634 F	RBMX2	
NP_057108 51634 F	RBMX2	
NP_066918 8884 S	SLC5A6	
NP_055519 9731 I	KIAA0562	62
NP_005793 10210 7	TOPORS	5
NP_002389 4211 1	MEISI	
NP_055498 9706 U	ULK2	
NP_055498 9706 U	ULK2	
NP_000305 5728	PTEN	
5728	PTEN	
NP 006637 10810	WASF3	
NP_005850 5813	PURA	
NP_005850 5813	PURA	
NP_005833 10253	SPRY2	
NP 002574 5074	PAWR	
NP_057278 10681	GNB5	
NF_004/19 3826	ABCD4	-

bromodomain and PHD finger containing 1	BRPF1	7862	NP 004625	NM_004634	4D	204481 at
apolipoprotein Al	APOAI	335	NP 000030	NM_000039	40	204450 x at
arachidonate 5lipoxygenase	ALOX5	240	NP_000689	NM_000698	4D	204445 s at
PH domaincontaining protein	pp9099	80301	NP_079477	NM_025201	4D	204436_at
				NM_014778	4D	204435 at
muskelin 1, intracellular mediator containing kelc	MKLNI	4289	NP_037387	NM_013255	4D	204423_at
apolipoprotein Cl	APOCI	341	NP_001636	NM_001645	4D	204416_x_at
neurofilament, heavy polypeptide 200kDa	NEFH	4744	NP_066554	NM_021076	4D	204412 s at
echinoderm microtubule associated protein like 2	EML2	24139	NP_036287	NM_012155	4D	204398 s at
G proteincoupled receptor kinase 5	GRK5	2869	NP_005299	NM_005308	4D	204396 s at
mitochondrial ribosomal protein 63	MRP63	78988	NP_076931	NM_024026	Đ	204387 x at
fibroblast growth factor receptor 3 (achondroplas)	FGFR3	2261	NP_000133	NM_000142	4D	204379 s at
breast carcinoma amplified sequence 1	BCASI	8537	NP_003648	NM_003657	4D	204378_at
Vprbinding protein	VprBP	9730	NP_055518	NM_014703	4D	204376_at
KHtype splicing regulatory protein (FUSE binding p	KHSRP	8570	NP_003676	NM_003685	÷	204372_s_at
ATP/GTPbinding protein	HEAB	10978	NP_006822	NM_006831	4D	204370_at
general transcription factor IIIC, polypeptide 2,	GTF3C2	2976	NP_001512	NM_001521	40	204366 s_at
TNF receptorassociated factor 5	TRAF5	7188	NP_004610	NM_004619	Đ	204352_at
S100 calcium binding protein P	A001S	6286	NP_005971	NM_005980	4D	204351_at
collagen, type XVI, alpha I	COL16A1	1307	NP_001847	NM_001856	4D	204345 at
zinc finger protein 202	ZNF202	7753	NP_003446	NM_003455	4D	204327 s_at
				NM_002450	4D	204326 x at
natriuretic peptide receptor B/guanylate cyclase B	NPR2	4882	NP_003986	NM_003995	4D	204310 s at
aldehyde dehydrogenase 6 family, member A1	ALDH6A1	4329	NP_005580	NM_005589	4D	204290 s at
pim2 oncogene	PIM2	11040	NP_006866	NM_006875	4D	204269 at
S100 calcium binding protein A2	S100A2	6273	NP_005969	NM_005978	4b	204268 at
cyclindependent kinase 2	CDK2	1017	NP_001789	NM_001798	45	204252_at
GULP, engulfment adaptor PTB domain containing 1	GULPI	51454	NP_057399	NM_016315	40	204235_s_at
chromosome 7 open reading frame 23	C7orf23	79161	NP_077291	NM_024315	4D	204215_at
solute carrier family 31 (copper transporters), me	SLC31A2	1318	NP_001851	NM_001860	4D	204204 at
BTB and CNC homology 1, basic leucine zipper trans	BACHI	571	NP_001177	NM_001186	40	204194_at
peptidylprolyl isomerase D (cyclophilin D)	PPID	5481	NP_005029	NM 005058	ŧ	204100 S at

	ENTR	2342	NP 002019	NM 002028	4D	204764 at
prostaglandinendoperoxide synthase 2 (prostaglandi	PTGS2	5743	NP_000954	NM_000963	40	204/48_at
isoleucinetRNA synthetase	IARS	3376	NP_038203	NM_013417	45	204/44 s at
chondroitin sulfate proteoglycan 4 (melanomaassoci	CSPG4	1464	NP_001888	NM_00189/	ŧ	204/30_S_at
NCK adaptor protein 1	NCK1	4690	NP 006144	NM_006153	ŧ	204/25 s at
coagulation factor V (proaccelerin, labile factor)	F5	2153	NP_000121	NM_000130	4	204713 s at
hypothetical protein MGC29875	MGC29875	27042	NP_055203	NM_014388	40	204/00_x_at
cadherin 5, type 2, VEcadherin (vascular epitheliu	CDH5	1003	NP_001786	NM_001795	4D	204677_at
steroid5alphareductase, alpha polypeptide 1 (30xo5)	SRD5A1	6715	NP_001038	NM_001047	4	204675_at
ring finger protein 24	RNF24	11237	NP_009150	NM_007219	45	204668 at
adenosine deaminase	ADA	100	NP_000013	NM_000022	4	204639 at
golgi SNAP receptor complex member 1	GOSRI	9527	NP_004862	NM_004871	4D	204630_s_at
nuclear receptor subfamily 4, group A, member 2	NR4A2	4929	NP_006177	NM_006186	4D	204622_x_at
adrenocortical dysplasia homolog (mouse)	ACD	65057	NP_075065	NM_022914	4D	204617_s_at
dickkopf homolog 1 (Xenopus laevis)	DKKI	22943	NP_036374	NM_012242	40	204602 at
protein (peptidylprolyl cis/trans isomerase) NIMA	PIN4	5303	NP_006214	NM_006223	40	204571 x at
KIAA0831	KIAA0831	22863	NP_055739	NM_014924	1 D	204568 at
FK506 binding protein 5	FKBP5	2289	NP_004108	NM_004117	4D	204560_at
protein phosphatase 1, regulatory subunit 3D	PPPIR3D	5509	NP_006233	NM_006242	4D	204555_s_at
protein phosphatase 1, regulatory subunit 3D	PPPIR3D	5509	NP_006233	NM_006242	4D	204554 at
HermanskyPudlak syndrome 5	HPS5	11234	NP_009147	NM_007216	4D	204544 at
eukaryotic translation elongation factor alpha 2	EEF1A2	1917	NP_001949	NM_001958	4D	204540_at
nuclear pore complex interacting protein	NPIP	9284	NP_008916	NM_006985	4D	204538_x_at
breast cancer I, early onset	BRCAI	672	NP_009226	NM_007295	4D	204531_s_at
myosin VA (heavy polypeptide 12, myoxin)	MYOSA	4644	NP_000250	NM_000259	40	204527 at
TBC1 domain family, member 8 (with GRAM domain)	TBC1D8	11138	NP_008994	NM_007063	4D	204526_s_at
CDC7 cell division cycle 7 (S. cerevisiae)	CDC7	8317	NP_003494	NM_003503	4	204510 at
protein phosphatase 3 (formerly 2B), regulatory su	PPP3R1	5534	NP 000936	NM 000945	4D	204507 s at
BH3 interacting domain death agonist	BID	637	NP_001187	NM_001196	4D	204493_at
transmembrane protein 15	TMEM15	22845	NP_055723	NM_014908	4D	204488 at
enolase 3 (beta, muscle)	ENOS	/202/	INF 001907	14141 001 770		

			NID 00/1880	NIM 00/808	40	204980 at
neutrophil cytosolic factor I (47kDa, chronic gran	NCF1	4687	NP 000256	NM_000265	ŧ	204961_s_at
myeloid cell nuclear differentiation antigen	MNDA	4332	NP_002423	NM_002432	4D	204959 at
pololike kinase 3 (Drosophila)	PLK3	1263	NP_004064	NM_004073	4D	204958_at
origin recognition complex, subunit 5like (yeast)	ORC5L	5001	NP_002544	NM_002553	4D	204957_at
intercellular adhesion molecule 3	ICAM3	3385	NP_002153	NM_002162	4D	204949 at
protein tyrosine phosphatase, receptor type, G	PTPRG	5793	NP_002832	NM 002841	4D	204944_at
inhibin, beta A (activin A, activin AB alpha polyp	INHBA	3624	NP_002183	NM 002192	4D	204926_at
tolllike receptor 2	TLR2	7097	NP_003255	NM_003264	4D	204924 at
myeloid/lymphoid or mixedlineage leukemia (trithor	MLLT3	4300	NP_004520	NM_004529	45	204917_s_at
eukaryotic translation elongation factor 1 epsilon	EEFIEI	9521	NP_004271	NM_004280	4D	204905 s at
amine oxidase, copper containing 3 (vascular adhes	AOC3	8639	NP_003725	NM_003734	45	204894_s_at
HUS1 checkpoint homolog (S. pombe)	HUSI	3364	NP_004498	NM_004507	4D	204884 s at
Rho GTPase activating protein 25	ARHGAP25	9938	NP_055697	NM_014882	4D	204882_at
immature colon carcinoma transcript	ICTI	3396	NP_001536	NM_001545	4D	204868 at
baculoviral IAP repeatcontaining 1	BIRCI	4671	NP_004527	NM_004536	4D	204861 s at
baculoviral IAP repeatcontaining 1	BIRCI	4671	NP_004527	NM_004536	45	204860 s at
protein kinase, cAMPdependent, regulatory, type	PRKAR2A	5576	NP_004148	NM_004157	4D	204842_x_at
early endosome antigen 1, 162kD	EEAI	8411	NP_003557	NM_003566	4D	204840 s at
processing of precursor 5, ribonuclease P/MRP subu	POP5	51367	NP_057002	NM_015918	40	204839_at
mutL homolog 3 (E. coli)	MLH3	27030	NP_055196	NM_014381	4D	204838 s at
major histocompatibility complex, class I, F	HLAF	3134	NP_061823	NM_018950	4D	204806_x_at
H1 histone family, member X	HIFX	8971	NP_006017	NM_006026	4D	204805 s at
hypothetical protein FLJ13639	FLJ13639	79758	NP_078981	NM_024705	4D	204800 s_at
G proteincoupled receptor associated sorting prote	GPRASPI	9737	NP_055525	NM_014710	4D	204793_at
Fas (TNF receptor superfamily, member 6)	FAS	355	NP_000034	NM_000043	4D	204781 s_at
Fas (TNF receptor superfamily, member 6)	FAS	355	NP_000034	NM_000043	40	204780_s_at
ecotropic viral integration site 2A	EVI2A	2123	NP 055025	NM_014210	4D	204774 at
transcription termination factor, RNA polymerase	TTF1	7270	NP_031370	NM_00/344	ŧ	204//1_s_at
nuaix (nucleoside diphosphate linked morety X)type	NODI	1361	14 002-443			

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vmaf musculoaponeurotic fibrosarcoma oncogene homo	MAFF	23764	NP_036455	NM_012323	4D	205193_at
retinitis pigmentosa 2 (Xlinked recessive)	RP2	6102	NP_008846	NM_006915	4D	205191_at
a disintegrin and metalloproteinase domain 8	ADAM8	101	NP_001100	NM_001109	4D	205179 s at
CD58 antigen, (lymphocyte functionassociated antig	CD58	965	NP_001770	NM_001779	4D	205173_x_at
leucine rich repeat neuronal 5	LRRN5	10446	NP_006329	NM_006338	4D	205154 at
chloride channel 4	CLCN4	1183	NP_001821	NM_001830	4D	205149 s_at
hypothetical protein FLJ22269	FLJ22269	84179	NP_115595	NM_032219	4D	205144_at
uronyl2sulfotransferase	UST	10090	NP_005706	NM_005715	4D	205139 s at
heat shock 10kDa protein 1 (chaperonin 10)	HSPEI	3336	NP_002148	NM_002157	4D	205133 s at
sarcoglycan, beta (43kDa dystrophinassociated glyc	SGCB	6443	NP_000223	NM_000232	ŧ	205121_at
formyl peptide receptor 1	FPR1	2357	NP_002020	NM_002029	4D	205119 s_at
syntaphilin	SNPH	9751	NP_055538	NM_014723	4D	205104_at
solute carrier family 26 (sulfate transporter), me	SLC26A2	1836	NP_000103	NM_000112	4D	205097_at
Nacetylglucosamine I phosphodiester alphaNacetylgluc	NAGPA	51172	NP_057340	NM_016256	\$	205090_s_at
interleukin I, beta	ILIB	3553	NP_000567	NM_000576	4D	205067_at
AT rich interactive domain 4A (RBPHike)	ARID4A	5926	NP_002883	NM_002892	4D	205062_x_at
primase, polypeptide 1, 49kDa	PRIMI	5557	NP_000937	NM_000946	4D	205053_at
vkit HardyZuckerman 4 feline sarcoma viral oncogen	KIT	3815	NP_000213	NM_000222	40	205051_s_at
				NM_003832	4D	205048 s_at
glucosamine (UDPNacetyl)2epimerase/Nacetylmannosam	GNE	10020	NP_005467	NM_005476	4D	205042_at
(S. (S. (S.)	LOMB	1113/	NF 009011	NM_00/080	ŧ	202020_at
cyclin E2	CCNE2	9134	NP_004693	NM_004702	ŧ	205034 at
transforming growth factor, alpha	TGFA	7039	NP_003227	NM_003236	40	205016_at
transforming growth factor, alpha	TGFA	7039	NP_003227	NM_003236	4D	205015_s_at
trefoil factor I (breast cancer, estrogeninducible	TFF1	7031	NP_003216	NM_003225	4D	205009_at
Nmyristoyltransferase 2	NMT2	9397	NP_004799	NM_004808	4D	205006 s_at
Nmyristoyltransferase 2	NMT2	9397	NP_004799	NM_004808	4D	205005 s at
cyclindependent kinase 5, regulatory subunit 1 (p3	CDK5R1	8851	NP_003876	NM_003885	4D	204996_s_at
integrin, beta 4	ITGB4	3691	NP_000204	NM_000213	4D	204989 s at

						1200001
butyrylcholinesterase	ВСНЕ	590	NP_000046	NM_000055	4D	205433 at
adaptorrelated protein complex 1, beta 1 subunit	APIBI	162	NP_001118	NM_001127	4D	205423_at
integrin, betalike I (with EGFlike repeat domains)	ITGBLI	9358	NP_004782	NM_004791	4D	205422_s_at
KIAA0672 gene product	KIAA0672	9912	NP_055674	NM_014859	Đ	205414 s_at
sperm autoantigenic protein 17	SPA17	53340	NP_059121	NM_017425	Đ	205406 s at
interleukin I receptor, type II	ILIR2	7850	NP_004624	NM_004633	4D	205403_at
FXYD domain containing ion transport regulator 1	FXYDI	5348	NP_005022	NM_005031	4D	205384_at
sarcolipin	SLN	6588	NP 003054	NM_003063	4D	205374_at
dihydrolipoamide branched chain transacylase E2	DBT	1629	NP 001909	NM_001918	4D	205371_s_at
glutamate receptor, ionotropic, AMPA 2	GRIA2	2891	NP_000817	NM_000826	4D	205358_at
thymosin, beta, identified in neuroblastoma cells	TMSNB	11013	NP_068832	NM_021992	Ð	205347_s_at
ST3 betagalactoside alpha2,3sialyltransferase 2	ST3GAL2	6483	NP_008858	NM_006927	4D	205346_at
zinc finger and BTB domain containing 24	ZBTB24	9841	NP_055612	NM_014797	4D	205340_at
sorting nexin 4	SNX4	8723	NP_003785	NM_003794	4D	205329 s at
activin A receptor, type II	ACVR2	92	NP_001607	NM_001616	4 D	205327_s_at
kinesin family member 5A	KIF5A	3798	NP_004975	NM_004984	4D	205318_at
solute carrier family 15 (H+/peptide transporter),	SLC15A2	6565	NP_066568	NM_021082	4D	205317_s_at
				NM_012066	4D	205310_at
retinoblastomalike I (p107)	RBL1	5933	NP_899662	NM_183404	4D	205296_at
transcription factor AP2 gamma (activating enhance	TFAP2C	7022	NP_003213	NM_003222	45	205286_at
FYN binding protein (FYB120/130)	FYB	2533	NP_001456	NM_001465	4D	205285 s at
glycine receptor, beta	GLRB	2743	NP_000815	NM_000824	4D	205279_s_at
chromosome 21 open reading frame 5	C21orf3	9980	NP_005119	NM_005128	4b	205248_at
interleukin 1 receptor accessory protein	ILIRAP	3556	NP_002173	NM_002182	4D	205227_at
enoylCoenzyme A, hydratase/3hydroxyacył Coenzyme A	ЕННАДН	1962	NP_001957	NM_001966	4b	205222_at
homogentisate 1,2dioxygenase (homogentisate oxidas	HGD	3081	NP_000178	NM_000187	\$	205221_at
polymerase (RNA) III (DNA directed) polypeptide F,	POLR3F	10621	NP_006457	NM_006466	40	205218_at
apolipoprotein H (beta2glycoprotein I)	APOH	350	NP_000033	NM_000042	4D	205216 s at
serine/threonine kinase 17b (apoptosisinducing)	STK17B	9262	NP_004217	NM 004226	4D	205214_at
vrel reticuloendotheliosis viral oncogene homolog	RELB	5971	NP_006500	NM_006509	4D	205205_at
pnospnoserine pnospnatase	PSPH	3723	NP_004568	NM_0043//	40	200194 at

propriome anocortin (schemocortinates in	POMC	5443	NP_000930	NM_000939	4D	205720_at
bone marrow stromal cell antigen I	BST1	683	NP_004325	NM_004334	4D	205715_at
interleukin 17 receptor	IL17R	23765	NP 055154	NM_014339	40	205707 at
mitogenactivated protein kinase kinase	MAP2K6	5608	NP_002749	NM_002758	4D	205698_s_at
maternal G10 transcript	G10	8896	NP_003901	NM_003910	4D	205690_s_at
BCL2related protein A1	BCL2AI	597	NP_004040	NM_004049	4D	205681 at
major histocompatibility complex, class II, DO be	HLADOB	3112	NP_002111	NM_002120	40	205671_s_at
complement component 4 binding protein, alpha	C4BPA	722	NP_000706	NM_000715	4	205654_at
small nuclear ribonucleoprotein polypeptide G	SNRPG	6637	NP_003087	NM_003096	40	205644 s at
centrosomal protein 1	CEP1	11064	NP_008949	NM_007018	Đ	205642_at
cytidine deaminase	CDA	978	NP_001776	NM_001785	40	205627_at
multimerin I	MMRNI	22915	NP_031377	NM_007351	40	205612_at
homeo box B5	нохвз	3215	NP_002138	NM_002147	4D	205600 x at
TRAF interacting protein	TRIP	10293	NP_005870	NM_005879	40	205598 at
FGFR1 oncogene partner	FGFRIOP	11116	NP_008976	NM_007045	45	205588 s at
lysosomalassociated membrane protein 3	LAMP3	27074	NP_055213	NM_014398	Đ	205569_at
carbohydrate (keratan sulfate Gal6) sulfotransfera	CHST1	8534	NP_003645	NM_003654	40	205567_at
frataxin	FXN	2395	NP_000135	NM_000144	40	205565 s at
ribonuclease P/MRP 38kDa subunit	RPP38	10557	NP_006405	NM_006414	4	205562_at
TNF receptorassociated factor 6	TRAF6	7189	NP_004611	NM_004620	40	205558_at
deoxyribonuclease Ilike 3	DNASEIL3	1776	NP_004935	NM_004944	4	205554 s_at
G1 to S phase transition 2	GSPT2	23708	NP_060564	NM_018094	\$	205541_s_at
cadherin 6, type 2, Kcadherin (fetal kidney)	CDH6	1004	NP_004923	NM_004932	4D	205532_s_at
hyaluronan and proteoglycan link protein 1	HAPLNI	1404	NP_001875	NM_001884	4D	205523_at
transcobatamin I (vitamin B12 binding protein, R b	TCNI	6947	NP_001053	NM_001062	4D	205513_at
villin 1	VILI	7429	NP_009058	NM_007127	4D	205506_at
KIAA0408	K1AA0408	9729	NP_055517	NM_014702	4D	205496_at
sorting nexin 15	SNX15	29907	NP_037438	NM_013306	4D	205482_x_at
adenosine A1 receptor	ADORAI	134	NP_000665	NM_000674	4D	205481 at
microfibrillarassociated protein 3like	MFAP3L	9848	NP_067679	NM_021647	4D	205442_at
hypothetical protein FLJ22709	FLJ22709	79629	NP_078854	NM_024578	4D	205441_at
protein tyrosine phosphatase, nonreceptor type 21	PTPN21	11099	NP_008970	NM_007039	4D	205438_at
H2A histone tamily, member X	IIIZAFA	10014	141 00000	11111 000100		100 000

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205723_at	4D	NM_001842	NP_001833	1271	CNTFR	ciliary neurotrophic factor receptor
205729 at	4D	NM_003999		9180	OSMR	oncostatin M receptor
205750 at	4D	NM_004332	NP_004323	670	BPHL	biphenyl hydrolaselike (serine hydrolase; breast e
205756_s_at	4D	NM_000132	NP_000123	2157	F8	coagulation factor VIII, procoagulant component (h
205763 s_at	4D	NM_006773	NP_006764	8886	DDX18	DEAD (AspGluAlaAsp) box polypeptide 18
205774_at	4D	NM_000505	NP_000496	2161	F12	coagulation factor XII (Hageman factor)
205779_at	₽	NM_005854	NP_005845	10266	RAMP2	receptor (calcitonin) activity modifying protein 2
205793 x at	4D	NM_003985	NP_003976	8711	TNK1	tyrosine kinase, nonreceptor, 1
205804_s_at	4D	NM_025228	NP_079504	80342	T3JAM	TRAF3interacting Jun Nierminal kinase (JNK)activat
205807_s_at	4D	NM_020127	NP_064512	7286	TUFTI	tuftelin 1
205811_at	4D	NM_007215	NP_009146	11232	POLG2	polymerase (DNA directed), gamma 2, accessory subu
205857_at	4D	NM_003054	NP_003045	6571	SLC18A2	solute carrier family 18 (vesicular monoamine), me
205864_at	4D	NM_004173	NP_004164	6545	SLC7A4	solute carrier family 7 (cationic amino acid trans
205865_at	4D	NM_005224	NP_005215	1820	ARID3A	AT rich interactive domain 3A (BRIGHT like)
205876 at	4D	NM_002310	NP_002301	3977	LIFR	leukemia inhibitory factor receptor
205888_s_at	4D	NM_014790	NP_055605	9832	KIAA0555	Jak and microtubule interacting protein 2
205901_at	4D	NM_006228	NP_006219	5368	PNOC	prepronociceptin
205920_at	4D	NM_003043	NP_003034	6533	SLC6A6	solute carrier family 6 (neurotransmitter transpor
205921_s_at	4D	NM_003043	NP_003034	6533	SLC6A6	solute carrier family 6 (neurotransmitter transpor
205922_at	4D	NM_004665	NP_004656	8875	VNN2	vanin 2
205950 s at	4D	NM_001738	NP_001729	759	CAI	carbonic anhydrase I
205957_at	4D	NM_005393	NP_005384	5365	PLXNB3	plexin B3
205960_at	4D	NM_002612	NP_002603	5166	PDK4	pyruvate dehydrogenase kinase, isoenzyme 4
205963 s at	4D	NM_005147	NP_005138	9093	DNAJA3	DnaJ (Hsp40) homolog, subfamily A, member 3
205965_at	4D	NM_006399	NP_006390	10538	BATF	basic leucine zipper transcription factor, ATFlike
205967_at	4D	NM_003542	NP_003533	8364	HISTIH4C	histone 1, H4c
205978 at	4D	NM_004795	NP_004786	9365	KL	klotho
205987 at	4D	NM_001765	NP_001756	116	CDIC	CD1C antigen, c polypeptide
205993 s at	4D	NM_005994	NP_005985	6909	TBX2	Tbox 2
205994_at	4D	NM_001973	NP_001964	2005	ELK4	ELK4, ETSdomain protein (SRF accessory protein
206003 at	4D	NM 014645				
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206030_at	4D	NM_000049	NP_000040	443	ASPA	aspartoacylase (aminoacylase 2. Canavan disease)
206039 at	4D	NM_004794	NP_004785	9363	RAB33A	RAB33A, member RAS oncogene family
206045 s at	4D	NM_003787	NP_003778	8715	NOL4	nucleolar protein 4
206049_at	4D	NM_003005	NP_002996	6403	SELP	selectin P (granule membrane protein 140kDa, antig
206053_at	4D	NM_014930	NP_055745	22869	ZNF510	zinc finger protein 510
206055 s_at	4D	NM_003090	NP_003081	6627	SNRPAI	small nuclear ribonucleoprotein polypentide A'
206066_s_at	4D	NM_002876	NP_002867	5889	RAD51C	RAD51 homolog C (S. cerevisiae)
206072 at	4D	NM_003353	NP_003344	7349	UCN	urocortin
206074_s_at	4D	NM_002131	NP_002122	3159	HMGAI	high mobility group AThook 1
206089_at	4D	NM_006157	NP 006148	4745	NELLI	NELlike I (chicken)
206097_at	4D	NM_007105	NP_009036	5003	SLC22AILS	solute carrier family 22 (organic cation transport
206103_at	4D	NM_005052	NP_005043	5881	RAC3	rasrelated C3 botulinum toxin substrate 3 (rho fam
206110_at	4D	NM_003536	NP_003527	8357	HISTIH3H	histone 1, H3h
206114_at	4D	NM_004438	NP_004429	2043	EPHA4	EPH receptor A4
206115_at	40	NM_004430	NP_004421	1960	EGR3	early growth response 3
206129_s_at	40	NM_000046	NP_000037	411	ARSB	arylsulfatase B
206136_at	40	NM_003468	NP_003459	7855	FZD5	frizzled homolog 5 (Drosophila)
206140 at	4D	NM_004789	NP_004780	9355	LHX2	LIM homeobox 2
206157_at	4D	NM_002852	NP_002843	5806	PTX3	pentaxinrelated gene, rapidly induced by IL1 beta
206170 at	4D	NM_000024	NP_000015	154	ADRB2	adrenergic, beta2, receptor, surface
206177_s_at	4D	NM_000045	NP_000036	383	ARG1	arginase, liver
206185_at	40	NM_001887	NP_001878	1414	CRYBB1	crystallin, beta B1
206189_at	4D	NM_003728	NP_003719	8633	UNC5C	unc5 homolog C (C. elegans)
206205_at	4D	NM_022782	NP_073619	10198	MPHOSPH9	Mphase phosphoprotein 9
206208_at	4D	NM_000717	NP_000708	762	CA4	carbonic anhydrase IV
206209 s at	4D	NM_000717	NP 000708	762	CA4	carbonic anhydrase IV
206222_at	4	NM_003841	NP_003832	8794	TNFRSF10C	tumor necrosis factor receptor superfamily, member
206229 x at	4D	NM_003988	NP_003979	5076	PAX2	paired box gene 2
206236_at	4D	NM_005282	NP_005273	2828	GPR4	G proteincoupled receptor 4
206238 s at	4D	NM_005748	NP_005739	10138	YAF2	YY1 associated factor 2
206250 x at	4D	NM_000706	NP_000697	552	AVPRIA	arginine vasopressin receptor 1A
206286 s at	4D	NM_003212	NP_003203	6997	TDGF1	teratocarcinomaderived growth factor 1
206296 x at	4D	NM 007181	NP_009112	11184	MAP4K1	mitogenactivated protein kinase kinase kinase kinase
						Committee Commit

mitogenactivated protein kinase kinase kinase kina	MAP4K4	9448	NP_004825	NM_004834	4D	206571_s_at
SMA3	SMA3	10571	NP_006771	NM_006780	4D	206565 x at
nucleoporin 155kDa	NUP155	9631	NP 004289	NM_004298	40	206550 s at
SWI/SNF related, matrix associated, actin dependen	SMARCBI	6598		NM_003073	+	206532_at
4aminobutyrate aminotransferase	ABAT	18		NM_000663	Đ	206527_at
maltaseglucoamylase (alphaglucosidase)	MGAM	8972	NP 004659	NM_004668	Đ	206522 at
sine oculis homeobox homolog 2 (Drosophila)	SIX2	10736	NP_058628	NM_016932	ŧ	206511 s_at
oculocutaneous albinism II (pinkeye dilution homol	OCA2	4948		NM_000275	45	206498_at
MBD2 (methylCpGbinding protein)interacting zinc fi	MIZF	25988		NM_015517	40	206495_s_at
LIM domain binding 2	LDB2	9079		NM_001290	40	206481 s at
transducinlike enhancer of split 3 (E(sp1) homolog	TLE3	7090	NP_005069	NM_005078	40	206472_s_at
neurotrophic tyrosine kinase, receptor, type 3	NTRK3	4916	NP_002521	NM_002530	4D	206462 s_at
rhodopsin (opsin 2, rod pigment) (retinitis pigmen	RHO	6010	NP_000530	NM_000539	4D	206454 s at
lin7 homolog A (C. elegans)	LIN7A	8825	NP_004655	NM_004664	4D	206440_at
coagulation factor II (thrombin) receptorlike 1	F2RL1	2150	NP_005233	NM_005242	4D	206429_at
melanA	MLANA	2315	NP_005502	NM_005511	4D	206427_s_at
cyclic nucleotide gated channel alpha 1	CNGAI	1259	NP_000078	NM_000087	4D	206417_at
development and differentiation enhancing factor 2	DDEF2	8853	NP_003878	NM_003887	4D	206414_s_at
ubiquitin specific protease 6 (Tre2 oncogene)	USP6	9098	NP_004496	NM_004505	4D	206405_x_at
CD19 antigen	CD19	930	NP_001761	NM_001770	4D	206398_s_at
retinoic acid receptor responder (tazarotene induc	RARRESI	5918	NP_002879	NM_002888	4D	206392_s_at
phosphodiesterase 3A, cGMPinhibited	PDE3A	5139	NP_000912	NM_000921	4D	206389 s at
serine (or cysteine) proteinase inhibitor, clade A	SERPINA7	6906	NP_000345	NM_000354	4D	206386 at
brainderived neurotrophic factor	BDNF	627	NP_001700	NM_001709	4D	206382 s at
myogenic factor 6 (herculin)	MYF6	4618	NP_002460	NM_002469	4D	206372_at
chemokine (C motif) ligand 1	XCL1	6375	NP_002986	NM_002995	ŧ	206365 at
suppressor of cytokine signaling 3	SOCS3	9021	NP_003946	NM_003955	4D	206359 at
amyloid P component, serum	APCS	325	NP_001630	NM_001639	₽ D	206350 at
iduronate 2sulfatase (Hunter syndrome)	IDS	3423	NP_006114	NM_006123	4D	206342 x at
chemokine (CXC motif) ligand 6 (granulocyte chemot	CXCL6	6372	NP_002984	NM_002993	4D	206336_at
ryanodine receptor 3	RYR3	6263	NP_001027	NM 001036	5	206306_at

206578_at		NM_004387	NP_004378	1482	NKX25	NK2 transcription factor related, locus 5 (Drosoph
206583_at	5	NM 017776	NP_060246	55634	FLJ20344	hypothetical protein FLJ20344
206584 at	4D	NM_015364	NP 056179	23643	LY96	lymphocyte antigen 96
206604 at	4D	NM 004561	NP_004552	5017	OVOLI	ovolike I(Drosophila)
206618_at	4D	NM_003855	NP_003846	8809	IL18R1	interleukin 18 receptor 1
206629_at	4D	NM_014694	NP 055509	9719	ADAMTSL2	ADAMTSlike 2
206632_s_at	4D	NM_004900	NP_004891	9582	APOBEC3B	apolipoprotein B mRNA editing enzyme, catalytic
206638_at	4D	NM_000867	NP 000858	3357	HTR2B	5hvdroxytryptamine (sergtonin) recentor 2R
206652_at	4D	NM_016384				7
206656_s_at	4D	NM_020531	NP_065392	57136	C20orf3	chromosome 20 open reading frame 3
206659_at	4D	NM_025024				0
206688_s_at	4D	NM_006693	NP_006684	10898	CPSF4	cleavage and polyadenylation specific factor 4 30
206689_x_at	4D	NM_006388	NP_006379	10524	HTATIP	HIV1 Tat interacting protein, 60kDa
206701_x_at	4D	NM 003991	NP_003982	1910	EDNRB	endothelin receptor type B
206707 x at	4D	NM_015864	NP_056948	9750	C6orf32	chromosome 6 open reading frame 32
206710_s_at	4D	NM_012307	NP_036439	23136	EPB41L3	erythrocyte membrane protein band 4.1like 3
206712_at	4D	NM_024719	NP_078995	79774	GRTPI	growth hormone regulated TBC protein 1
206734_at	Đ	NM_003772	NP_003763	8690	JRKL	jerky homologlike (mouse)
206735_at	4D	NM_000744	NP_000735	1137	CHRNA4	cholinergic receptor, nicotinic, alpha polypentide
206739_at	4D	NM_018953	NP_061826	3222	HOXC5	homeo box C5
206748 s at	4D	NM_003971	NP_003962	9043	SPAG9	sperm associated antigen 9
206762_at	1	NM_002234	NP_002225	3741	KCNA5	potassium voltagegated channel, shakerrelated subf
206769_at	4D	NM_004202	NP_004193	9087	TMSB4Y	thymosin, beta 4, Ylinked
206776_x_at	4D	NM_001612	NP_001603	56	ACRV1	acrosomal vesicle protein 1
206785 s at	4D	NM_002260	NP_002251	3822	KLRC2	killer cell lectinlike receptor subfamily C, membe
206794_at	\$	NM_005235	NP_005226	2066	ERBB4	verba erythroblastic leukennia viral oncogene homol
206796_at	4D	NM_003882	NP_003873	8840	WISPI	WNT1 inducible signaling pathway protein
206803 at	4D	NM_024411	NP_077722	5173	PDYN	prodynorphin
206809 s at	4D	NM_005758				
206816_s_at	4D	NM_012436	NP_036568	26206	SPAG8	sperm associated antigen 8
206826_at	4D	NM_002677	NP_002668	5375	PMP2	peripheral myelin protein 2
206829 x at	4D	NM_025189	NP_079465	80264	ZNF430	zinc finger protein 430

206830_at	4D	NM_022058	NP_071341	57282	SLC4A10	solute carrier family 4, sodium bicarbonate transp
206832_s_at	4D	NM_004186	NP_004177	6405	SEMA3F	sema domain, immunoglobulin domain (lg), short bas
206840_at	4D	NM_001133	NP_001124	173	AFM	afamin
206841_at	4D	NM_006205	NP_006196	5149	PDE6H	phosphodiesterase 6H, cGMPspecific, cone, gamma
206844_at	4D	NM 003837	NP_003828	8789	FBP2	fructose1,6bisphosphatase 2
206848_at	4D	NM_006896	NP_008827	3204	HOXA7	homeo box A7
206860_s_at	4D	NM_019005	NP_061878	54468	FLJ20323	hypothetical protein FLJ20323
206864 s at	4D	NM_003806	NP_003797	8739	HRK	harakiri, BCL2 interacting protein (contains only
206866_at	4D	NM_001794	NP_001785	1002	CDH4	cadherin 4, type 1, Readherin (retinal)
206875_s_at	4D	NM_014720	NP_055535	9748	SLK	STE20like kinase (yeast)
206877_at	4D	NM_002357	NP_002348	4084	MXDI	MAX dimerization protein 1
206893_at	4D	NM_002968	NP_002959	6299	SALLI	sallike I (Drosophila)
206911_at	4D	NM_005082	NP_005073	7706	TRIM25	tripartite motifcontaining 25
206914 at	4D	NM_019604	NP_062550	56253	CRTAM	class1 MHCrestricted T cell associated molecule
206920_s_at	4D	NM_001499	NP_001490	2733	GLEIL	GLE1 RNA export mediatorlike (yeast)
206923_at	4D	NM_002737	NP_002728	5578	PRKCA	protein kinase C, alpha
206941_x_at	4D	NM_012431	NP_036563	9723	SEMA3E	sema domain, immunoglobulin domain (Ig), short bas
206942_s_at	4D	NM_002674	NP_002665	5367	PMCH	promelaninconcentrating hormone
206949_s_at	4D	NM_014328	NP_055143	23623	RUSC1	RUN and SH3 domain containing 1
206952_at	4D	NM_000151	NP_000142	2538	G6PC	glucose6phosphatase, catalytic (glycogen storage d
206970_at	4D	NM_005076	NP_005067	6900	CNTN2	contactin 2 (axonal)
206973_at	4D	NM_003625	NP_003616	8499	PPFIA2	protein tyrosine phosphatase, receptor type, f pol
206983_at	4D	NM_004367	NP_004358	1235	CCR6	chemokine (CC motif) receptor 6
206995 x at	4D	NM_003693	NP_003684	8578	SCARF1	scavenger receptor class F, member 1
207001_x_at	4D	NM_004089	NP_004080	1831	DSIPI	delta sleep inducing peptide, immunoreactor
207006 s at	4D	NM_013301	NP_037433	29903	HSU79303	protein predicted by clone 23882
207010_at	4D	NM_000812	NP_000803	2560	GABRB1	gammaaminobutyric acid (GABA) A receptor, beta 1
207018_s_at	4D	NM_004163	NP_004154	5874	RAB27B	RAB27B, member RAS oncogene family
207021_at	4D	NM_007009	NP_008940	11055	ZPBP	zona pellucida binding protein
207028_at	4D	NM_006316				
207036_x_at	4D	NM_000836	NP_000827	2906	GRIN2D	glutamate receptor, ionotropic, Nmethyl
NYI-4308224v1						

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						Daspartate
207041 at	40	NM_006610	NP_006601	10747	MASP2	mannanbinding lectin serine protease 2
207055 at	4D	NM_004767	NP_004758	9283	GPR37L1	Gprotein coupled receptor 37 like 1
207064 s at	40	NM_009590	NP_033720	314	AOC2	amine oxidase, copper containing 2 (retinaspecific
207072_at	4	NM_003853	NP_003844	8807	IL18RAP	interleukin 18 receptor accessory protein
207096 at	4D	NM_006512	NP_006503	6291	SAA4	serum amyloid A4, constitutive
207097_s_at	4D	NM_005835	NP_005826	10246	SLC17A2	solute carrier family 17 (sodium phosphate), membe
207122_x_at	4D	NM_001054	NP_001045	6799	SULTIA2	sulfotransferase family, cytosolic, IA, phenolpref
207152_at	4D	NM 006180	NP_006171	4915	NTRK2	neurotrophic tyrosine kinase, receptor, type 2
207158_at	4D	NM_001644	NP_001635	339	APOBEC1	apolipoprotein B mRNA editing enzyme, catalytic po
207167_at	4D	NM_004258	NP_004249	9398	IGSF2	immunoglobulin superfamily, member 2
207186 s_at	4D	NM_004459	NP_004450	2186	FALZ	fetal Alzheimer antigen
207205_at	4D	NM_001817	NP_001808	1089	CEACAM4	carcinoembryonic antigenrelated cell adhesion mole
207206 s at	45	NM_000697	NP_000688	239	ALOX12	arachidonate 12lipoxygenase
207225_at	4D	NM_001088	NP_001079	15	AANAT	arylalkylamine Nacetyltransferase
207231_at	4D	NM_014648	NP_055463	9666	DZIP3	zinc finger DAZ interacting protein 3
20/251_at	40	NM_005925	NP_005916	4225	MEPIB	meprin A, beta
207253 s at	45	NM_016936	NP_058632	29855	UBN1	ubinuclein I
207254_at	40	NM_005073	NP 005064	6564	SLC15A1	solute carrier family 15 (oligopeptide transporter
207279 s at	4D	NM_016365				
207286 at	Đ	NM_025009	NP_079285	9662	KIAA0635	K1AA0635
207289_at	4D	NM 004142	NP_004133	4328	MMPL1	matrix metalloproteinaselike
207307 at	4D	NM_000868	NP_000859	3358	HTR2C	5hydroxytryptamine (serotonin) receptor 2C
207325_x_at	4D	NM_004988	NP_004979	4100	MAGEAI	melanoma antigen family A, I (directs expression o
207334 s_at	4D	NM 003242	NP_003233	7048	TGFBR2	transforming growth factor, beta receptor II (70/8
207364_at	4D	NM_001586	NP_001577	1527	CXorf2	chromosome X open reading frame 2
207383 s_at	4D	NM_003961	NP_003952	9028	RHBDL1	rhomboid, veinletlike 1 (Drosophila)
207389_at	Đ	NM_000173	NP_000164	2811	GP1BA	glycoprotein lb (platelet), alpha polypeptide
207397 s at	4D	NM_000523	NP_000514	3239	HOXD13	homeo box D13
207414 s at	4D	NM_002570	NP_002561	5046	PCSK6	proprotein convertase subtilisin/kexin type 6
20/421_at	40	NM_001739	NP_001730	763	CA5A	carbonic anhydrase VA, mitochondrial

beretin bair basis 2	KRTHB3	3889	NP 002273	NM_002282	4D	207669 at
mitogenactivated protein kinase kinase 3	MAP2K3	5606	NP_002747	NM_002756	4D	207667 s_at
a disintegrin and metalloproteinase domain 21	ADAM21	8747	NP_003804	NM_003813	4Đ	207665 at
Tbox 1	TBX1	6899	NP_005983	NM_005992	4D	207662 at
SH3 multiple domains	SH3MD1	9644	NP_055446	NM_014631	40	207661 s at
myelinassociated oligodendrocyte basic protein	MOBP	4336	NP_006492	NM_006501	40	207659 s at
transportin l	TNPOI	3842	NP_002261	NM_002270	4D	207657 x at
Bcell linker	BLNK	29760	NP 037446	NM_013314	4D	207655_s_at
keratin, hair, acidic, 7	KRTHA7	8688	NP_003761	NM_003770	40	207649 at
member member	TNFRSF1A	7132	NP_001056	NM_001065	#	207643_s_at
protease, serine, 7 (enterokinase)	PRSS7	5651	NP_002763	NM_002772	40	207638 at
serine (or cysteine) proteinase inhibitor, clade I	SERPINI2	5276	NP_006208	NM_006217	4D	207636 at
corebinding factor, runt domain, alpha subunit 2:	CBFA2T2	9139	NP_005084	NM 005093	Đ	207625 s at
hypocretin (orexin) receptor 1	HCRTRI	3061	NP_001516	NM_001525	4D	207619 at
calcium/calmodulindependent protein kinase (CaM ki	CAMK2A	815	NP_057065	NM_015981	ŧ	20/615_s_at
sulfotransferase family, cytosolic, 1B, member 1	SULTIBI	27284	NP_055280	NM_014465	40	207601_at
chromosome I open reading frame 38	Clorf38	9473	NP_004839	NM_004848	4D	207571 x at
zinc finger protein 261	ZNF261	9203	NP_005087	NM_005096	4D	207559 s at
membrane cofactor protein (CD46, trophoblastlympho	MCP	4179	NP_002380	NM_002389	45	20/549_x_at
numb homolog (Drosophila)	NUMB	8650	NP_003735	NM_003744	40	207545 s_at
exosome component 10	EXOSC10	5394	NP_002676	NM_002685	4	207541 s_at
defensin, alpha 5, Paneth cellspecific	DEFA5	1670	NP_066290	NM_021010	40	20/529_at
bradykinin receptor B1	BDKRBI	623	NP_000701	NM_000710	4D	207510_at
TBPinteracting protein	TIP120A	55832	NP_060918	NM_018448	4D	207483 s at
motilin	MLN	4295	NP_002409	NM_002418	4D	207473 at
hypothetical protein DKFZp566H0824	DKFZp566H082 4	54744	NP_060005	NM_017535	4D	207470_at
galanin	GAL	51083	NP 057057	NM_015973	40	207466 at
glycophorin B (includes Ss blood group)	GYPB	2994	NP_002091	NM 002100	4D	207459 x at
chemokine (CC motif) receptor 9	CCR9	10803	NP_006632	NM_006641	4D	207445 s at
solute carrier family 35 (UDPgalactose transporter		7355	NP 005651	NM_005660	4D	207439_s_at
solute carrier family 22 (organic cation transport	SLC22A2	2000	NF 003049	14141 000000	10	

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paired box gene 8	PAX8	7849	NP_054698	NM_013992	4D	207924_x_at
cytochrome P450, family 2, subfamily F, polypeptid	CYP2F1	1572	NP_000765	NM_000774	4D	
				NM_004940	4D	207888 at
nuclear VCPlike	NVL	4931	NP_002524	NM_002533	4D	207877 s at
seizure related 6 homolog (mouse)like	SEZ6L	23544	NP_066938	NM_021115	4D	207873 x at
leukocyte immunoglobulinlike receptor, subfamily A	LILRA2	11027	NP_006857	NM_006866	4D	
chemokine (CXC motif) ligand 3	CXCL3	2921	NP_002081	NM_002090	4D	
interleukin 13	1L13	3596	NP_002179	NM_002188	4D	207844_at
cytochrome b5-	CYBS	1528	NP_001905	NM_001914	4D	207843_x_at
fibulin l	FBLNI	2192	NP_006478	NM 006487	4D	207835 at
BCL2/adenovirus E1B 19kDa interacting protein 1	BNIP1	662	NP_053581	NM_013978	4D	207829 s at
inhibitor of DNA binding 3, dominant negative heli	ID3	3399	NP_002158	NM_002167	\$	207826_s_at
defensin, alpha 6, Paneth cellspecific	DEFA6	1671	NP_001917	NM_001926	45	207814 at
ferredoxin reductase	FDXR	2232	NP_004101	NM_004110	45	207813_s_at
keratin 12 (Meesmann corneal dystrophy)	KRT12	3859	NP_000214	NM_000223	4D	207811_at
ataxin 2like	ATXN2L	11273	NP_059867	NM_017492	4D	207798 s at
RABIA, member RAS oncogene family	RABIA	5861	NP_004152	NM_004161	4D	207791_s_at
keratin, hair, acidic, 3B	KRTHA3B	3884	NP_002270	NM_002279	4D	207787_at
arylsulfatase D	ARSD	414	NP_033667	NM_009589	4D	207784_at
presenilin I (Alzheimer disease 3)	PSENI	5663	NP_015558	NM_007319	4D	207782 s_at
early growth response 4	EGR4	1961	NP_001956	NM_001965	4D	207768_at
DKFZP586A052 DKFZP586A0522 protein 2	DKFZP586A052 2	25840	NP_054752	NM_014033	4D	207761_s_at
zinc finger protein 304	ZNF304	57343	NP_065708	NM_020657	4D	207753_at
NCKassociated protein	NCKAPI	10787	NP_038464	NM_013436	4D	207738_s_at
mutY homolog (E. coli)	MUTYH	4595	NP_036354	NM_012222	40	207727 s at
killer cell lectinlike receptor subfamily C, membe	KLRC3	3823	NP_002252	NM_002261	4D	207723 s at
histidine triad nucleotide binding protein 1	HINTI	3094	NP 005331	NM_005340	4D	207721_x_at
KIAA0980 protein	K1AA0980	22981	NP_079452	NM_025176	4D	207705_s_at
leukocyte immunoglobulinlike receptor, subfamily B	LILRB2	10288	NP_005865	NM_005874	[‡] D	207697_x_at
inhibin, beta C	INHBC	3626	NP_005529	NM_005538	4D	207687_at
one cut domain, family member 2	ONECUT2	9480	NP_004843	NM_004852	4D	207676_at

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207931_S_at 4D	207021	į	1111				
4D	20773 S at	ŧ	NM 000212	NP_006203	3/08	PFKFB2	6phosphofructo2kinase/fructose2,6biphosphatase 2
4D	207945 s at	4D	NM_001893	NP_001884	1453	CSNKID	casein kinase 1, delta
1	207966_s_at	4D	NM_012201	NP_036333	2734	GLG1	golgi apparatus protein 1
1	207969_x_at	4D	NM_020109	NP 064494	56	ACRVI	acrosomal vesicle protein
4D	207973_x_at	4D	NM_020110	NP_064495	56	ACRV1	acrosomal vesicle protein l
4D		4D	NM_004931	NP_004922	926	CD8B1	CD8 antigen, beta polypeptide 1 (p37)
4D	207990_x_at	4D	NM_020114	NP_064499	56	ACRV1	acrosomal vesicle protein 1
4D	207991 x_at	4D	NM_020113	NP 064498	56	ACRVI	acrosomal vesicle protein [
4D	207995 s at	4D	NM_014257	NP_055072	10332	CLEC4M	Ctype lectin domain family 4, member M
4D NM, 000635 NP_000626 5990 RFX2 4D NM_013303 NP_005957 4664 NAB1 4D NM_013303 NP_005957 4664 NAB1 4D NM_013303 NP_005957 4664 NAB1 4D NM_00588 NP_001513 2986 GUCY2F 4D NM_00588 NP_000879 3694 ITGB6 4D NM_00588 NP_000879 3694 ITGB6 4D NM_00588 NP_000879 3694 ITGB6 4D NM_050594 NP_10421 81550 DMD 4D NM_050794 NP_10424 81553 FAM49A 4D NM_05088 NP_10424 81553 FAM49A 4D NM_05088 NP_110435 81565 NDEL1 4D NM_051306 NP_11248 81655 C9of74 4D NM_051304 NP_112283 81887 LAS11 4D NM_051304 NP_106359 81475 MGC1939 4D NM_051044 NP_069591 1663 DDX11 4D NM_051088 NP_060450 I14876 OSBPLIA	208028_s_at	4D	NM_003996	NP_003987	2880	GPX5	glutathione peroxidase 5 (epididymal androgenrelat
4D	208031_s_at	4D	NM_000635	NP_000626	5990	RFX2	regulatory factor X, 2 (influences HLA class II ex
4D NM_005966 NP_005957 4664 NAB1 4D NM_001522 NP_001513 2986 GUCY2F 4D NM_001587 NP_000879 3694 ITGB6 4D NM_000888 NP_000879 3694 ITGB6 4D NM_000888 NP_000879 3694 ITGB6 4D NM_003088 NP_000879 3694 ITGB6 4D NM_030794 NP_101021 81550 TDRD3 4D NM_030997 NP_110424 81555 NDEL1 4D NM_03098 NP_10143 81556 NDEL1 4D NM_030808 NP_10143 81556 NDEL1 4D NM_031206 NP_1012176 81605 C9orf74 4D NM_031206 NP_101278 81576 MGC10471 4D NM_031206 NP_108591 1663 DDX11 4D NM_03163 NP_08591 1663 DDX11 4D NM_030633 NP_08591 1663 DDX11 4D NM_03168 NP_102598 82481 EPPK1 4D NM_03168 NP_102598 82481 EPPK1 4D NM_031630 NP_060500 114876 OSBPLIA	208042_at	4D	NM_013303				
4D	208047_s_at	4D	NM_005966	NP_005957	4664	NABI	NGFIA binding protein 1 (EGR1 binding protein I)
4D NM 015877	208053_at	4D	NM_001522	NP_001513	2986	GUCY2F	guanylate cyclase 2F, retinal
4D	208061_at	4D	NM_015877				
4D NM 000888 NP 000879 3694 ITGB6 4D NM_004014 NP_004005 1756 DMD 4D NM_030794 NP_10421 81550 ITDD3 4D NM_030797 NP_110424 81553 FAM49A 4D NM_03097 NP_110425 81556 NDEL1 4D NM_030818 NP_110445 81556 NDEL1 4D NM_030914 NP_110445 81576 MGC10471 4D NM_030914 NP_112176 81695 C59dT4 4D NM_031906 NP_112183 81887 LASIL 4D NM_031906 NP_12183 81887 LASIL 4D NM_031906 NP_085911 1663 DDX11 4D NM_03108 NP_064500 I14876 OSBPLIA	208083 s at	4D	NM_000888	NP_000879	3694	ITGB6	integrin, beta 6
4D NM_004014 NP_004005 1756 DMD 4D NM_030794 NP_110421 81550 IDRD3 4D NM_030797 NP_110424 81553 FAM49A 4D NM_03098 NP_110423 81565 NDEL1 4D NM_030818 NP_110435 81566 MGC 10471 4D NM_030818 NP_112176 81605 C990774 4D NM_03106 NP_112183 81887 LASIL 4D NM_03106 NP_112383 81887 LASIL 4D NM_031304 NP_112394 83475 MGC 293 4D NM_031304 NP_068911 1663 DDX11 4D NM_031084 NP_06891 1663 DDX11 4D NM_03108 NP_112598 83481 EPPKI 4D NM_031308 NP_112598 83481 EPPKI 4D NM_03108 NP_112598 83481 EPPKI	208084_at	4D	NM_000888	NP_000879	3694	ITGB6	integrin, beta 6
4D NM 030794 NP 110421 81530 TDRD3 4D NM 030797 NP 110425 81535 FAM49A 4D NM 030797 NP 110435 81535 RAM49A 4D NM 03088 NP 110435 81566 MDEL1 4D NM 030818 NP 112176 81605 CPorT4 4D NM 031206 NP 112176 81605 CPorT4 4D NM 031206 NP 11243 81887 LASIL 4D NM 031306 NP 112548 81487 CAS 4D NM 031306 NP 000796 2520 GAS 4D NM 031306 NP 008911 1663 DDX11 4D NM 031308 NP 085911 1663 DDX11 4D NM 031308 NP 08591 1663 DDX11 4D NM 031308 NP 102598 82481 EPPKI 4D NM 031308 NP 060500 114876 OSBPLIA	208086_s_at	4D	NM_004014	NP_004005	1756	DMD	dystrophin (muscular dystrophy, Duchenne and Becke
4D NM 030997 NP 110424 81553 FAM49A 4D NM 030808 NP 110435 81565 NDEL1 4D NM 030818 NP 110445 81576 MCC10471 4D NM 030914 NP 112483 81867 LASIL 4D NM 031904 NP 112283 81887 LASIL 4D NM 031304 NP 000796 2529 GAS 4D NM 031304 NP 000895 NP 000796 MCC1293 4D NM 031304 NP 088911 1663 DDX11 4D NM 031308 NP 112598 81481 EPPKL 4D NM 031308 NP 100500 114876 OSBPLIA	208089 s at	4D	NM_030794	NP_110421	81550	TDRD3	tudor domain containing 3
4D NM_030808 NP_110435 81565 NDEL1 4D NM_030818 NP_110445 81576 MGC10471 4D NM_030914 NP_110445 81605 C9or74 4D NM_031306 NP_112176 81807 LAS1L 4D NM_003083 NP_000796 2520 GAS 4D NM_031304 NP_112594 81475 MGC4293 4D NM_031304 NP_08591 1663 DDX11 4D NM_03108 NP_08598 81481 EPPK1 4D NM_031308 NP_060500 114876 OSBPLIA	208092 s_at	4D	NM_030797	NP_110424	81553	FAM49A	family with sequence similarity 49, member A
4D NM 030818 NP 110445 81576 MGC10471 4D NM 030914 NP 112178 81695 C90774 4D NM 031906 NP 112178 81887 LASIL 4D NM 031304 NP 000796 2520 GAS 4D NM 031304 NP 112594 83475 MGC4293 4D NM 031304 NP 068591 1663 DDX11 4D NM 03147 NP 001438 2196 FAT2 4D NM 03147 NP 001438 2196 FAT2 4D NM 03147 NP 001438 2196 FAT2 4D NM 03147 NP 001438 2196 GASPLIA	208093_s_at	4D	NM_030808	NP_110435	81565	NDEL1	nudE nuclear distribution gene E homolog like (A
4D NM 0319014 NP 112176 81605 C9orF4 4D NM 031906 NP 112176 81887 LASIL 4D NM 003805 NP 000796 2520 GAS 4D NM 0031304 NP 112594 83475 MCC4293 4D NM 031304 NP 085911 1663 DDX11 4D NM 03147 NP 00438 2196 FAT2 4D NM 03147 NP 10438 2196 FAT2 4D NM 03147 NP 10438 82481 EPPK1 4D NM 031308 NP 1060500 114876 OSBPLIA	208094 s at	4D	NM_030818	NP_110445	81576	MGC10471	hypothetical protein MGC10471
4D NM 031206 NP_112483 81887 LAS1L 4D NM 031306 NP_000796 2520 GAS 4D NM 031394 NP_102594 83475 MGC4293 4D NM_031394 NP_08591 1663 DDX11 4D NM_031633 NP_08591 1663 DDX11 4D NM_03147 NP_001438 2196 FAT2 4D NM_031308 NP_060500 114876 OSBPLIA	208101 s at	4D	NM_030914	NP_112176	81605	C9orf74	chromosome 9 open reading frame 74
4D NM 000805 NP 000796 2520 GAS 4D NM 031304 NP 112594 83475 MGC4293 4D NM 031308 NP 085911 1663 DDX11 4D NM 03147 NP 001438 2196 FAT2 4D NM 031308 NP 102598 83481 EPPKI 4D NM 031308 NP 060500 114876 OSBPLIA	208117 s at	4D	NM_031206	NP_112483	81887	LASIL	LASIlike (S. cerevisiae)
4D NM 031304 NP 112594 83475 MCC4293 4D NM_030653 NP_08591 1663 DDX11 4D NM_001447 NP_00438 2196 FA72 4D NM_031308 NP_102438 23481 EPPK1 4D NM_018030 NP_060500 114876 OSBPLIA	208138_at	4D	NM_000805	NP_000796	2520	GAS	gastrin
4D NM_030653 NP_085911 1663 DDX11	208141_s_at	4D	NM_031304	NP_112594	83475	MGC4293	hypothetical protein MGC4293
410 NM_001447 NP_001438 2196 FAT2	208149_x_at	4D	NM_030653	NP_085911	1663	DDX11	DEAD/H (AspGluAlaAsp/His) box polypeptide 11 (CHL1
4D NM_031308 NP_112598 83481 EPPK1 4D NM_018030 NP_060500 114876 OSBPLIA	s	Đ	NM_001447	NP_001438	2196	FAT2	FAT tumor suppressor homolog 2 (Drosophila)
4D NM_018030 NP_060500 114876 OSBPLIA	208156 x at	4D	NM_031308	NP_112598	83481	EPPK1	epiplakin l
	208158 s at	4D	NM_018030	NP_060500	114876	OSBPLIA	oxysterol binding proteinlike 1A

208164 s_at	ŧ	NM_002186	NP_002177	3581	IL9R	interleukin 9 receptor
208180 s at	6	NM 003543	NP_003534	8365	HIST1H4H	histone 1, H4h
208182 x at	1 1	NM_002172	NP 002163	3448	IFNA14	interferon, alpha 14
208239 at	5 6	NM 012185	NP_064/32	91	ACVRIB	activin A receptor, type IB
208249 s_at	4D	NM_014305	NP_055120	23483	TGDS	TDPglucose 4,6dehydratase
208256_at	4D	NM_001405	NP_001396	1943	EFNA2	ephrinA2
208285_at	4D	NM_017506	NP_059976	26659	OR7A5	olfactory receptor, family 7, subfamily A, member
208302_at	4D	NM_021182	NP_067005	57824	HBI	minor histocompatibility antigen HB
208324_at	4D	NM_006738	NP_006729	11214	AKAP13	A kinase (PRKA) anchor protein 13
208332_at	4D	NM_004676	NP_004667	1806	PRY	PTPN13like, Ylinked
208366_at	4D	NM_014522	NP_055337	27328	PCDHIIX	protocadherin 11 Xlinked
208369 s at	4D	NM_013976	NP_039663	2639	GCDH	glutarylCoenzyme A dehydrogenase
208374 s at	4D	NM_006135	NP_006126	829	CAPZAI	capping protein (actin filament) muscle Zline, alp
208389 s at	4D	NM_004171	NP_004162	6506	SLC1A2	solute carrier family 1 (glial high affinity gluta
208391_s_at	4D	NM_002062	NP_002053	2740	GLPIR	glucagonlike peptide 1 receptor
208398 s at	4D	NM_004865	NP_004856	9519	TBPL1	TBPlike 1
208424 s_at	4D	NM_020313	NP_064709	57019	CIAPINI	cytokine induced apoptosis inhibitor I
208428_at	\$	NM_018833	NP_061313	6891	TAP2	transporter 2, ATPbinding cassette, subfamily B
208445 s at	4D	NM_023005	NP_075381	9031	BAZIB	bromodomain adjacent to zinc finger domain, 1B
208450_at	4D	NM_006498	NP_006489	3957	LGALS2	lectin, galactosidebinding, soluble, 2 (galectin 2
208455_at	4D	NM_002855	NP_002846	5818	PVRL1	poliovirus receptorrelated 1 (herpesvirus entry me
208460_at	4D	NM_005497	NP_005488	10052	GJA7	gap junction protein, alpha 7, 45kDa (connexin 45)
208466_at	4D	NM_004283	NP_004274	9545	RAB3D	RAB3D, member RAS oncogene family
208490_x_at	4D	NM_003522	NP_003513	8343	HIST1H2BF	histone I, H2bf
208496 x at	4D	NM_003534	NP_003525	8355	HIST1H3G	histone 1, H3g
208498 s at	4D	NM_004038	NP_004029	276	AMY1A	amylase, alpha 1A; salivary
208506_at	4D	NM_021018	NP_066298	8968	HIST1H3F	histone I, H3f
208508 s at	4D	NM_030905	NP 112167	26707	OR2J2	olfactory receptor, family 2, subfamily J, member
208517 x at	4D	NM_001207	NP_001198	689	BTF3	basic transcription factor 3
208527 x at	4D	NM_003523	NP_003514	8344	HIST1H2BE	histone 1, H2be
208546 x at	4D	NM_003524	NP_003515	8345	HIST 1H2BH	histone 1, H2bh
208548 at	4D	NM_021002	NP_066282	3443	IFNA6	interferon, alpha 6

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type						
proteasome (prosome, macropain) subunit, beta	PSMB6	5694	NP_002789	NM_002798	4D	208827_at
histidine triad nucleotide binding protein 1	ITNIH	3094	NP_005331	NM_005340	4D	208826_x_at
ribosomal protein L23a	RPL23A	6147	NP_000975	NM_000984	4D	208825 x at
clusterin (complement lysis inhibitor, SP40,40, su	CLU	1191	NP_976084	NM_203339	4D	208791_at
polymerase I and transcript release factor	PTRF	284119	NP_036364	NM_012232	4D	208789_at
mitochondrial ribosomal protein L3	MRPL3	11222	NP_009139	NM_007208	4D	208787_at
microtubuleassociated protein 1 light chain 3 beta	MAPILC3B	81631	NP_073729	NM_022818	4D	208786 s at
microtubuleassociated protein 1 light chain 3 beta	MAPILC3B	81631	NP_073729	NM_022818	4D	208785 s at
membrane cofactor protein (CD46, trophoblastlympho	MCP	4179	NP_758865	NM_172355	4D	208783_s_at
follistatinlike 1	FSTL1	11167	NP_009016	NM_007085	4D	208782_at
discoidin domain receptor family, member 1	DDRI	780	NP_054699	NM_013993	4D	208779 x at
ribosomal protein L22	RPL22	6146	NP_000974	NM_000983	4D	208768_x_at
heterogeneous nuclear ribonucleoprotein R	HNRPR	10236	NP_005817	NM_005826	4D	208766 s at
delta sleep inducing peptide, immunoreactor	DSIPI	1831	NP_004080	NM_004089	4D	208763 s_at
ATP synthase, H+ transporting, mitochondrial F0 co	ATP5L	10632	NP_006467	NM_006476	4D	208746_x_at
sin3associated polypeptide, 18kDa	SAP18	10284	NP_005861	NM_005870	4D	208742 s_at
sin3associated polypeptide, 18kDa	SAP18	10284	NP_005861	NM_005870	4D	208740_at
RAB2, member RAS oncogene family	RAB2	5862	NP_002856	NM_002865	4D	208734 x at
cyclin D1 (PRAD1: parathyroid adenomatosis 1)	CCNDI	595	NP_444284	NM_053056	4D	208711_s_at
ribosomal protein L39	RPL39	6170	NP_000991	NM_001000	4D	208695 s_at
peroxiredoxin 1	PRDX1	5052	NP_002565	NM_002574	4D	208680_at
proliferationassociated 2G4, 38kDa	PA2G4	5036	NP_006182	NM_006191	4D	208676_s_at
dolichyldiphosphooligosaccharideprotein glycosyltr	DDOST	1650	NP_005207	NM_005216	4b	208674_x_at
ribosomal protein S14	RPS14	6208	NP_005608	NM_005617	4D	208646_at
thioredoxin domain containing 7 (protein disulfide	TXNDC7	10130	NP_005733	NM_005742	4D	208638_at
leukocyte immunoglobulinlike receptor, subfamily B	LILRB6	79168	NP_077294	NM_024318	4D	208594_x_at
corticotropin releasing hormone receptor 1	CRHRI	1394	NP_004373	NM_004382	4D	208593 x at
H2B histone family, member S	H2BFS	54145	NP 059141	NM_017445	4D	208579_x_at
histone 1, H3c	HIST1H3C	8352	NP_003522	NM_003531	4D	208577_at
acidic (leucinerich) nuclear phosphoprotein 32 fam	ANP32D	23519	NP_036536	NM_012404	4D	208571_at

200000	5	CITCIO PUL				
-0000mg at	đ	MW_017#45	INF_0.091.09	34107	POLES	polymerase (DNA directed), epsilon 3 (p17 subunit)
208833 s at	4Đ	NM_013236	NP_037368	25814	ATXN10	ataxin 10
208834 x at	4D	NM_000984	NP 000975	6147	RPL23A	ribosomal protein L23a
208835 s at	4D	NM_006107	NP_006098	51747	CROP	cisplatin resistanceassociated overexpressed prote
208863_s_at	4D	NM_006924	NP_008855	6426	SFRS1	splicing factor, arginine/serinerich I (splicing f
208864 s at	4D	NM_003329	NP_003320	7295	TXN	thioredoxin
208873_s_at	4D	NM_005669	NP_005660	7905	C5orf18	chromosome 5 open reading frame 18
208892_s_at	4D	NM_001946	NP 001937	1848	DUSP6	dual specificity phosphatase 6
208895 s at	4D	NM_006773	NP_006764	8886	DDX18	DEAD (AspGluAlaAsp) box polypeptide 18
208896_at	4D	NM_006773	NP_006764	8886	DDX18	DEAD (AspGluAlaAsp) box polypeptide 18
208903_at	4D	NM_001031	NP_001022	6234	RPS28	ribosomal protein S28
208913_at	4D	NM_015044	NP_055859	23062	GGA2	golgi associated, gamma adaptin ear containing, AR
208914_at	4D	NM_138640	NP_619581	23062	GGA2	golgi associated, gamma adaptin ear containing, AR
208917 x_at	4D	NM_023018	NP_075394	65220	FLJ13052	NAD kinase
208924_at	4D	NM_014372	NP_055187	26994	RNFII	ring finger protein 11
208932_at	4D	NM_002720	NP_002711	5531	PPP4C	protein phosphatase 4 (formerly X), catalytic subu
208957_at	4D	NM_015051	NP_055866	23071	TXNDC4	thioredoxin domain containing 4 (endoplasmic retic
208960_s_at	4D	NM_001300	NP_001291	1316	KLF6	Kruppellike factor 6
208961_s_at	4D	NM_001300	NP_001291	1316	KLF6	Kruppellike factor 6
208969_at	4D	NM_005002	NP_004993	4704	NDUFA9	NADH dehydrogenase (ubiquinone) I alpha subcomplex
208970 s at	₽ D	NM_000374	NP_000365	7389	UROD	uroporphyrinogen decarboxylase
208986 at	4D	NM_207038	NP_996921	6938	TCF12	transcription factor 12 (HTF4, helixloophelix tran
209001_s_at	4D	NM_015391	NP_056206	25847	ANAPC13	anaphase promoting complex subunit 13
209004_s_at	4D	NM_012161	NP_036293	26234	FBXL5	Fbox and leucinerich repeat protein 5
209006 s_at	4D	NM_207035	NP_996918	57035	NPD014	NPD014 protein
209008 x_at	4D	NM_002273	NP_002264	3856	KRT8	keratin 8
209015_s_at	4D	NM_058246	NP 490647	10049	98fVND	DnaJ (Hsp40) homolog, subfamily B, member 6
209019 s at	4D	NM_032409	NP_115785	65018	PINK1	PTEN induced putative kinase 1
209021 x at	4D	NM_014741	NP_055556	9776	KIAA0652	KIAA0652 gene product
209025_s_at	4D	NM_006372	NP_006363	10492	SYNCRIP	synaptotagmin binding, cytoplasmic RNA
I Treesfer IAIN						

caroonic amydrase ii	CAL					NYI-4308224v1
Ormania (minimum marchane)	CAS		NP 000058	NM 000067	4D	209301 at
glutaredoxin (thioltransferase)	GLRX	2745	NP_002055	NM_002064	4D	209276 s at
vacuolar protein sorting 45A (yeast)	VPS45A	11311	NP_009190	NM_007259	4D	209268 at
methyltransferase like 3	METTL3	56339	NP_062826	NM_019852	4D	209265 s at
tubulin alpha 6	DABUT 6	84790	NP_116093	NM_032704	4D	209251_x_at
chloride channel 7	CLCN7	1186	NP_001278	NM_001287	4D	209235_at
C2f protein	C2F	10436	NP_006322	NM_006331	4D	209233_at
WD repeat domain 45	WDR45	11152	NP_009006	NM_007075	Đ	209217 s at
Kruppellike factor 5 (intestinal)	KLF5	688	NP_001721	NM_001730	4	209211_at
downregulator of transcription 1, TBPbinding (nega	DRI	1810	NP_001929	NM_001938	ŧ	209188_x_at
downregulator of transcription 1, TBPbinding (nega	DRI	1810	NF_001929	Nist_001938	ŧ	207107_at
insulin receptor substrate 2	IRS2		NP_003740	NM 003/49	ŧ	209187 S at
insulin receptor substrate 2	IRS2	8660	NP_003740	NM_003749	4	200184 s at
leukocyte receptor cluster (LRC) member 4	LENG4	79143	NP_077274	NM_024298	Đ	209179_s_at
apoptosis antagonizing transcription factor	AATF	26574	NP_036270	NM_012138	Đ	209165 at
pleckstrin homology, Sec7 and coiledcoil domains	PSCD2	9266	NP_059431	NM_017457	#	209158_S_at
transcription factor 3 (E2A immunoglobulin enhance	TCF3	6929	NP_003191	NM_003200	ŧ	209152_s_at
transmembrane 9 superfamily member 1	TM9SF1	10548	NP_006396	NM_006405	45	209149_s_at
corebinding factor, runt domain, alpha subunit 2;	CBFA2T2	9139	NP_005084	NM_005093	40	209144 s_at
synaptosomalassociated protein, 23kDa	SNAP23	8773	NP_003816	NM_003825	4	209130_at
squamous cell carcinoma antigen recognised by T	SART3	9733	NP_055521	NM_014706	ŧ	209128_s_at
tubulin, alpha 3	TUBA3	7846	NP_006000	NM_006009	40	209118_s_at
tetraspan I	TSPANI	10103	NP_005718	NM_005727	4D	209114_at
nuclear receptor coactivator 1	NCOAI	8648	NP_671756	NM_147223	4D	209106_at
interferonrelated developmental regulator 2	IFRD2	7866	NP_006755	NM_006764	4D	209100 at
jagged I (Alagille syndrome)	JAG1	182	NP_000205	NM_000214	Đ	209099_x_at
RAB5A, member RAS oncogene family	RAB5A	5868	NP_004153	NM_004162	8	209089_at
collagen, type XVIII, alpha I	COL18A1	80781	NP_085059	NM_030582	4D	209081 s at
H3 histone, family 3B (H3.3B)	H3F3B	3021	NP_005315	NM 005324	4D	209069_s_at
ubiquinolcytochrome c reductase binding protein	UQCRB	7381	NP_006285	NM_006294	4D	209065_at
protein kinase C binding protein 1	PRKCBPI	23613	NP_898869	NM_183048	4D	209048 s at

209305_s_at 209308_s_at	\$ \$	NM_015675 NM_004330	NP_056490 NP_004321	4616	GADD45B BNIP2	growth arrest and DNAdamageinducible, beta
209317 at	4D	NM_203290	NP_976035	9533	POLRIC	polymerase (RNA) I polymentide C 30kDa
209328_x_at	4D	NM_138820	NP_620175	192286	MGC2198	hypothetical protein MGC2198
209331_s_at	4D	NM_145113	NP_660088	4149	MAX	MYC associated factor X
209349_at	4D	NM_133482	NP_597816	10111	RAD50	RAD50 homolog (S. cerevisiae)
209366_x_at	4D	NM 001914	NP_001905	1528	СҮВ5	cytochrome b5
209409_at	4D	NM_001001549	NP_001001549	2887	GRB10	growth factor receptorbound protein 10
209410 s at	4D	NM_001001550	NP_001001550	2887	GRB10	growth factor receptorbound protein 10
209412_at	4D	NM_003274	NP_003265	7109	TMEMI	transmembrane protein
209418_s_at	4D	NM_001002878	NP_001002878	8563	C22orf19	chromosome 22 open reading frame 19
209426_s_at	4D	NM_014324	NP 055139	23600	AMACR	alphamethylacylCoA racemase
209434 s_at	4D	NM_002703	NP_002694	5471	PPAT	phosphoribosyl pyrophosphate amidotransferase
209450_at	4D	NM_017807	NP_060277	55644	OSGEP	Osialoglycoprotein endopeptidase
209451_at	4D	NM_004180	NP_004171	10010	TANK	TRAF family memberassociated NFKB activator
209475 at	40	NM_006313	NP_006304	9958	USP15	ubiquitin specific protease 15
209484_s_at	4D	NM_015471	NP_056286	25936	Clorf48	chromosome I open reading frame 48
209497_s_at	4D	NM_031492	NP_113680	83759	RBM30	RNA binding motif protein 30
209511_at	4D	NM_021974	NP_068809	5435	POLR2F	polymerase (RNA) II (DNA directed) polypeptide F
209512_at	4D	NM_032303	NP_115679	84263	HSDL2	hydroxysteroid dehydrogenase like 2
209513_s_at	4D	NM_032303	NP_115679	84263	HSDL2	hydroxysteroid dehydrogenase like 2
209517_s_at	4D	NM_004674	NP_004665	9070	ASH2L	ash2 (absent, small, or homeotic)like (Drosophila)
209527_at	4D	NM_014285	NP_055100	23404	EXOSC2	exosome component 2
209551_at	4D	NM_032312	NP_115688	84272	MGC11061	hypothetical protein MGC11061
209567_at	40	NM_015169	NP_055984	23212	RRS1	RRS1 ribosome biogenesis regulator homolog (S
209569_x_at	ŧ	NM_014392	NP_055207	27065	D4S234E	DNA segment on chromosome 4 (unique) 234 expressed
209639 s_at	4D	NM_198227	NP_937870	6002	RGS12	regulator of Gprotein signalling 12
209640_at	4D	NM_033238	NP_150241	5371	PML	promyelocytic leukemia
209659_s_at	4D	NM_003903	NP_003894	1888	CDC16	CDC16 cell division cycle 16 homolog (S. cerevisia
209667 at	4D	NM_198061	NP_932327	8824	CES2	carboxylesterase 2 (intestine, liver)
209686_at	4D	NM_006272	NP_006263	6285	S100B	S100 calcium binding protein, beta (neural)

	CIBI	1072	ND 002524	NM 002543	4D	210004 at
suppressor of cytokine signaling 1	SOCS1	8651	NP_003736	NM_003745	4D	209999 x at
zinc finger protein 268	ZNF268	10795	NP_003406	NM_003415	40	209989_at
jumonji domain containing 2C	JMJD2C	23081	NP_055876	NM_015061	4D	209984_at
lipoprotein, Lp(a)	LPA	4018	NP_005568	NM_005577	4D	209978 s at
JTV1 gene	JTV1	7965	NP_006294	NM_006303	40	209971 x at
melanoma antigen family A, 3	MAGEA3	4102	NP_005353	NM_005362	45	209942 x_at
ATPase, Ca++ transporting, type 2C, member 1	ATP2C1	27032	NP_001001487	NM_001001487	4D	209934 s at
CD300A antigen	CD300A	11314	NP_009192	NM_007261	4D	209933 s at
histone 1, H2bd	HIST 1H2BD	3017	NP_619790	NM_138720	4D	209911_x_at
ataxia telangiectasia and Rad3 related	ATR	545	NP_001175	NM_001184	4D	209902_at
SEC31like 2 (S. cerevisiae)	SEC31L2	25956	NP_937781	NM_198138	4D	209889_at
Raslike without CAAX I	RIT1	6016	NP_008843	NM_006912	4D	209882_at
linker for activation of T cells	LAT	27040	NP_055202	NM_014387	Đ	209881 s_at
selectin P ligand	SELPLG	6404	NP_002997	NM_003006	4D	209880 s_at
synuclein, gamma (breast cancerspecific protein	SNCG	6623	NP_003078	NM_003087	4D	209877_at
adrenergic, alpha2A, receptor	ADRA2A	150	NP_000672	NM_000681	4D	209869_at
latrophilin 3	LPHN3	23284	NP_056051	NM_015236	4D	209867_s_at
frequently rearranged in advanced Tcell lymphomas	FRAT2	23401	NP_036215	NM_012083	45	209864_at
tumor protein p73like	TP73L	8626	NP_003713	NM_003722	4D	209863 s at
proteasome (prosome, macropain) activator subunit	PSME3	10197	NP_789839	NM_176863	40	209853_s_at
CDC42 effector protein (Rho GTPase binding) 2	CDC42EP2	10435	NP_006770	NM_006779	4Đ	209850 s at
leucine rich repeat neuronal 3	LRRN3	54674	NP_060804	NM_018334	4D	209841 s at
leucine rich repeat neuronal 3	LRRN3	54674	NP_060804	NM_018334	4D	209840_s_at
palmitoylprotein thioesterase 2	PPT2	9374	NP_620312	NM_138934	40	209826_at
jagged 2	JAG2	3714	NP_002217	NM_002226	4D	209784 s at
CD24 antigen (small cell lung carcinoma cluster 4	CD24	934	NP_037362	NM_013230	4D	209772 s at
itchy homolog E3 ubiquitin protein ligase (mouse	ITCH	83737	NP_113671	NM_031483	Đ	209744 x at
itchy homolog E3 ubiquitin protein ligase (mouse)	ITCH	83737	NP_113671	NM_031483	40	209743 s at
Ctype lectin domain family 2, member B	CLEC2B	9976	NP_005118	NM_005127	40	209732_at
solute carrier family 35 (UDPglucuronic acid/UDPNa	SLC35D1	23169	NP_055954	NM_015139	\$	209711_at
ialso						

membranespanning 4domains, subfamily A, member 3 (MS4A3	932	NP_006129	NM_006138	4D	210254_at
adenylosuccinate lyase	ADSL	158	NP_000017	NM_000026	4D	210250_x_at
cyclindependent kinase inhibitor 2D (p19, inhibits	CDKN2D	1032	NP_524145	NM_079421	4D	210240_s_at
protein tyrosine phosphatase, receptor type, f pol	PPFIAI	8500	NP 803172	NM_177423	4D	210236_at
interleukin 1 receptor accessory protein	ILIRAP	3556	NP_608273	NM_134470	4D	210233_at
transferrin receptor 2	TFR2	7036	NP_003218	NM_003227	4D	210215_at
syntaxin 11	STX11	8676	NP_003755	NM_003764	4D	210190_at
FK506 binding protein 1A, 12kDa	FKBP1A	2280	NP_000792	NM_000801	4D	210186 s_at
tolllike receptor 1	TLRI	7096	NP_003254	NM_003263	4D	210176_at
protein tyrosine phosphatase, receptor type, J	PTPRJ	5795	NP_002834	NM_002843	4D	210173_at
plateletactivating factor acetylhydrolase, isoform	PAFAH1B2	5049	NP_002563	NM_002572	4D	210160_at
leukocyte immunoglobulinlike receptor, subfamily B	LILRB4	11006	NP_006838	NM_006847	4b	210152_at
dCMP deaminase	DCTD	1635	NP_001912	NM_001921	4D	210137 s at
leukotriene B4 receptor	LTB4R	1241	NP_858043	NM_181657	4D	210128 s at
barrier to autointegration factor 1	BANFI	8815	NP_003851	NM_003860	4D	210125_s_at
potassium inwardlyrectifying channel, subfamily J,	KCNJ15	3772	NP_002234	NM_002243	-	210119_at
sperm associated antigen 1	SPAG1	6674	NP_003105	NM_003114	4D	210117_at
inversin	INVS	27130	NP_899068	NM_183245	4D	210114_at
nucleolar protein 7, 27kDa	NOL7	51406	NP_057251	NM_016167	4D	210097_s_at
par3 partitioning defective 3 homolog (C. elegans	PARD3	56288	NP_062565	NM_019619	4D	210094 s_at
magonashi homolog, proliferationassociated (Drosop	MAGOH	4116	NP_002361	NM_002370	40	210093_s_at
magonashi homolog, proliferationassociated (Drosop	MAGOH	4116	NP_002361	NM_002370	40	210092_at
myosin, light polypeptide 4, alkali; atrial, embry	MYL4	4635	NP_001002841	NM_001002841	4D	210088 x at
ribosomal protein L5	RPL5	6125	NP_000960	NM_000969	4D	210034 s_at
APEX nuclease (multifunctional DNA repair enzyme)	APEX1	328	NP_542380	NM_080649	4D	210027_s_at
polycomb group ring finger 1	PCGF1	84759	NP_116062	NM_032673	4D	210023_s_at
mucosa associated lymphoid tissue lymphoma translo	MALTI	10892	NP_006776	NM_006785	4D	210017_at
hemopexin	HPX	3263	NP_000604	NM_000613	4D	210013_at
solute carrier family 25 (mitochondrial carrier; c	SLC25A1	6576	NP_005975	NM_005984	4D	210010 s at

NP 004470 2529 NP 001318 1485
NP_997639 2335
NP_722544 5710
NP_055287 27291
NP_006467 10632
NP_001306 1432
NP_004591 6738
NP_005209 1672
NP_002467 4635
NP_005627 6759
NP_003509 8339
NP_938198 8913
NP_002339 4063
NP_060484 53335
NP_004526 4661
NP_005438 9182
NP_071925 64410
NP_056293 26013
NP_006430 10586
NP_000370 7498
NP_055908 23118
NP_005283 2841
NP_000758 1555
NP_006151 4761

ceramidase)						
Nacylsphingosine amidohydrolase (acid	IHASA	427	NP_004306	NM_004315	4D	210980 s_at
FAST kinase	FASTK	10922	NP_148936	NM_033015	4D	210975 x_at
KIAA0669 gene product	KIAA0669	9819	NP_055594	NM_014779	40	210954 s_at
insulin promoter factor 1, homeodomain transcripti	IPFI	3651	NP_000200	NM_000209	ŧ	21095 / S at
ring finger protein (C3H2C3 type) 6	RNF6	6049	NP 898866	NM_183045	4	210931_at
similar to FKSG30	LOC440915	440915	XP 496601	XM 496601	÷	210926 at
programmed cell death 10	PDCD10	11235	NP 009148	NM_007217	4	21090 / s at
interleukin 13 receptor, alpha 1	IL13RA1	3597	NP_001551	NM_001560	40	210904 s at
TP53 activated protein 1	TP53AP1	11257	NP_009164	NM_007233	4D	210886 x at
RAD17 homolog (S. pombe)	RAD17	5884	NP_579916	NM_133338	4D	210826_x_at
BTB and CNC homology 1, basic leucine zipper trans	BACHI	571	NP_001177	NM_001186	4D	210818_s_at
DEAD (AspGluAlaAsp) box polypeptide 49	DDX49	54555	NP_061943	NM_019070	40	210811_s_at
CD27binding (Siva) protein	SIVA	10572	NP_006418	NM_006427	40	210792 x at
carcinoembryonic antigenrelated cell adhesion mole	CEACAM3	1084	NP_001806	NW 001812	45	210/89_x_at
calcium/calmodulindependent protein kinase kinase	CAMKK2	10645	NP_/3/380	NM_1/2226	ŧ	210/0/_S_at
survival of motor neuron protein interacting prote	SIPI	8487	NP_003607	NM_003616	4Đ	210779_x_at
caspase 9, apoptosisrelated cysteine protease	CASP9	842	NP_001220	NM_001229	4D	210775_x_at
nuclear receptor coactivator 4	NCOA4	8031	NP_005428	NM_005437	40	210774 s at
formyl peptide receptorlike 1	FPRL1	2358	NP_001005738	NM_001005738	4D	210772_at
vyes I Yamaguchi sarcoma viral related oncogene hom	LYN	4067	NP_002341	NM_002350	ŧ	210/54_S_at
discs, large (Drosophila) homologassociated protei	DLGAPI	9229	NP_001003809	NM_001003809	4D	210750_s_at
discoidin domain receptor family, member 1	DDR1	780	NP_001945	NM_001954	Đ	210749 x at
inositol 1,3,4triphosphate 5/6 kinase	ITPK1	3705	NP_055031	NM_014216	4D	210740 s at
MYC associated factor X	MAX	4149	NP_002373	NM_002382	40	210734 x at
egflike module containing, mucinlike, hormone rece	EMR3	84658	NP_115960	NM_032571	4	210/24_at
WW domain containing oxidoreductase	WWOX	51741	NP_057457	NM_016373	4D	210695 s at
ubiquitin specific protease 15	USP15	9958	NP_006304	NM_006313	4D	210681_s_at
ribosomal protein L13a	RPL13A	23521	NP_036555	NM_012423	4D	210646 x at
tetratricopeptide repeat domain 3	TTC3	7267	NP 003307	NM_003316	4D	210645 s at

210995_s_at	4D	NM_033228	NP_150231	373	TRIM23	tripartite motificontaining 23
210999 s_at	4D	NM_001001555	NP_001001555	2887	GRB10	growth factor receptorbound protein 10
211004 s at	4D	NM_000694	NP_000685	221	ALDH3B1	aldehyde dehydrogenase 3 family, member B1
211033 s at	4D	NM_000288	NP_000279	5191	PEX7	peroxisomal biogenesis factor 7
211051 s_at	4D	NM_001440	NP 001431	2137	EXTL3	exostoses (multiple)like 3
211070_x_at	4D	NM_020548	NP_065438	1622	DBI	diazepam binding inhibitor (GABA receptor modulato
211097 s at	4D	NM_002586	NP_002577	5089	PBX2	preBcell leukemia transcription factor 2
211102_s_at	4D	NM_006866	NP_006857	11027	LILRA2	leukocyte immunoglobulinlike receptor, subfamily
211114 x at	4D	NM_003616	NP_003607	8487	SIPI	survival of motor neuron protein interacting prote
211115_x_at	4D	NM_003616	NP_003607	8487	SIPI	survival of motor neuron protein interacting prote
211128_at	\$	NM_001005611	NP_001005611	1896	EDA	ectodysplasin A
211135_x_at	ŧ	NM_006864	NP_006855	11025	LJLRB3	leukocyte immunoglobulinlike receptor, subfamily
211139_s_at	4D	NM_005966	NP_005957	4664	NABI	NGFIA binding protein 1 (EGR1 binding projein 1)
211160 x at	\$	NM_001102	NP_001093	87	ACTNI	actinin, alpha 1
211163_s_at	₽	NM_003841	NP_003832	8794	TNFRSF10C	tumor necrosis factor receptor superfamily,
211231_x_at	₽	NM_000778	NP_000769	1579	CYP4AII	cytochrome P450, family 4, subfamily A, polypeptid
211250_s_at	4D	NM_003023	NP_003014	6452	SH3BP2	SH3domain binding protein 2
211251_x_at	4D	NM_014223	NP_055038	4802	NFYC	nuclear transcription factor Y, gamma
211285_s_at	4D	NM_130838	NP_570853	7337	UBE3A	ubiquitin protein ligase E3A (human papilloma viru
211298 s at	4D	NM_000477	NP_000468	213	ALB	albumin
211330_s_at	4D	NM_000410	NP 000401	3077	HFE	hemochromatosis
211355 x at	4D	NM_002303	NP_002294	3953	LEPR	leptin receptor
211372 s_at	4D	NM_004633	NP 004624	7850	ILIR2	interleukin 1 receptor, type II
211378_x_at	4D	NM_203431	NP 982255	5478	PPIA	peptidylprolyl isomerase A (cyclophilin A)
211396_at	4D	NM_001005412	NP_001005412	9103	FCGR2C	Fc fragment of IgG, low affinity IIc, receptor for
211413 s at	4D	NM_012387	NP_036519	23569	PADI4	peptidyl arginine deiminase, type IV
211425 x at	4D	NM_005636	NP_005627	6759	SSX4	synovial sarcoma, X breakpoint 4
211433 x at	4D	NM_025182	NP 079458	80256	KIAA1539	KIAA1539
211501 s at	4D	NM_003751	NP_003742	8662	EIF3S9	eukaryotic translation initiation factor 3, subuni

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cyclin E2	CCNE2	9134	NP_477097	NM_057749	4D	211814_s_at
potassium inwardlyrectifying channel, subfamily J.	KCNJ15	3772	NP_733933	NM_170737	4b	211806_s_at
peptidylprolyl isomerase A (cyclophilin A)	PPIA	5478	NP_066953	NM_021130	40	211765_x_at
ubiquitinconjugating enzyme E2B (RAD6 homolog)	UBE2B	7320	NP_003328	NM_003337	4D	211763_s_at
tubulin alpha 6	TUBA6	84790	NP_116093	NM_032704	4D	211750 x at
elastase 3A, pancreatic (protease E)	ELA3A	10136	NP_005738	NM_005747	4D	211738_x_at
Fc fragment of IgE, high affinity 1, receptor for;	FCERIA	2205	NP_001992	NM_002001	4D	211734 s_at
synovial sarcoma, X breakpoint 3	SSX3	10214	NP_783642	NM_175711	4D	211731_x_at
BH3 interacting domain death agonist	BID	637	NP_932071	NM_197967	40	211725 s_at
phosphatase and tensin homolog (mutated in multipl	PTEN	5728	NP_000305	NM_000314	4D	211711_s_at
IQ motif containing B1	IQCB1	9657	NP_055457	NM_014642	4D	211707_s_at
RNA binding motif protein 13	RBM13	84549	NP_115898	NM_032509	45	211686 s_at
interferon gamma receptor 1	IFNGR1	3459	NP_000407	NM_000416	4D	211676_s_at
carcinoembryonic antigenrelated cell adhesion mole	CEACAM6	4680	NP_002474	NM_002483	₽	211657_at
laminin, beta 1	LAMBI	3912	NP_002282	NM_002291	4D	211651_s_at
interleukin 13 receptor, alpha 1	IL13RA1	3597	NP_001551	NM_001560	4D	211612_s_at
mitochondrial ribosomal protein L9	MRPL9	65005	NP_113608	NM_031420	4b	211594_s_at
membrane cofactor protein (CD46, trophoblastlympho	MCP	4179	NP_758866	NM_172356	\$	211574_s_at
brain and reproductive organexpressed (TNFRSF1A mo	BRE	9577	NP_004890	NM_004899	4D	211566_x_at
mitogenactivated protein kinase 14	MAPK14	1432	NP_001306	NM_001315	Đ	211561 x at
guanylate cyclase 1, soluble, beta 3	GUCY1B3	2983	NP 000848	NM_000857	4D	211555_s_at
hydroxyprostaglandin dehydrogenase 15(NAD)	HPGD	3248	NP_000851	NM_000860	4Б	211548 s_at
ribosomal protein S10	RPS10	6204	NP_001005	NM_001014	4D	211542 x at
heat shock 70kDa protein 2	HSPA2	3306	NP_068814	NM_021979	4D	211538_s_at
protein tyrosine phosphatase, receptor type, N pol	PTPRN2	5799	NP_002838	NM_002847	45	211534_x_at
prolinerich protein BstNl subfamily 1	PRB1	5542	NP_955386	NM_199354	4D	211531 x at
HLAG histocompatibility antigen, class I, G	HLAG	3135	NP_002118	NM_002127	4D	211530_x_at
pleckstrin homology, Sec7 and coiledcoil domains	PSCD4	27128	NP_037517	NM_013385	4D	211521_s_at
myoraoaan related protein 5	CATALLIAN	007/	NF 094091	LCOCCI ININI	40	211307 S at

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212222 at 212204_at 212076_at 211969_at 211826_s_at 212123_at 212034 s at 212014 x at 211924_s_at 211883_x_at 211848_s_at 212106_at 212101_at 212077_at 212059 s at 212021 s at 211978 x at 211909_x_at 211885_x_at 12203 x at 212047 s_at 12213_x_at 12108 at 12087 s at 11999 at 11990_at 11981_at 11964_at 40 40 4 40 4 B 404 40 4D 4D 4D 4D 4D 4 4 4 4 40 **\$ \$** 40 NM_014613 NM_012316 NM_014614 NM_130832 NM 015497 NM 021034 NM 015631 NM_014613 NM_005702 NM_033139 NM_005933 NM_015638 NM_015528 NM_015219 NM_002417 NM_001001390 NM_005324 NM_033554 NM_006890 NM_005935 NM 001845 NM_021130 NM_005348 NM_001846 NM 001005377 NM_198714 NM_000150 NM_001712 NP_291032 NP_056312 NP 056446 NP 036448 NP_005924 NP 056034 NP_001837 NP_001005377 NP_001703 NP 005926 NP_055429 NP_570845 NP_066362 NP_055428 NP 055428 NP 005693 NP_149130 NP_056453 NP 056343 NP_002408 NP_001001390 NP_005315 NP_001836 NP_066953 NP_005339 NP_942007 NP_000141 NP 00882 2596 23198 4976 26123 23197 23197 23633 26284 800 4297 26133 2600 23265 960 302 3320 5329 5733 634 4299 10410 4288 3113 5478 1284 2528 1087 1282 MLLT2 OPAI DKFZP564G202 DKFZP564G2022 protein C10orf61 ETEA ETEA KPNA6 ERALI CALDI MLL RNF167 EXOC7 MK167 CD44 H3F3B PPIA FUT6 PSME4 IFITM3 HLADPAI COL4A1 HSP90AA COL4A2 PLAUR PTGER3 CEACAMI CEACAM7 TRPC4AP chromosome 10 open reading frame 61 proteasome (prosome, macropain) activator optic atrophy i (autosomal dominant) interferon induced transmembrane protein 3 (18U) expressed in Tcells and eosinophils in atopic derm expressed in Tcells and eosinophils in atopic derm karyopherin alpha 6 (importin alpha 7) Era Gproteinlike I (E. coli) caldesmon 1 transient receptor potential cation channel, subfa ring finger protein 167 CD44 antigen (homing function and Indian blood H3 histone, family 3B (H3.3B) major histocompatibility complex, class II, DP alp collagen, type IV, alpha I heat shock protein 90kDa alpha (cytosolic), class collagen, type IV, alpha 2 carcinoembryonic antigenrelated cell adhesion carcinoembryonic antigenrelated cell adhesion myeloid/lymphoid or mixedlineage leukemia myeloid/lymphoid or mixedlineage leukemia exocyst complex component 7 antigen identified by monoclonal antibody Ki67 peptidylprolyl isomerase A (cyclophilin A) A member plasminogen activator, urokinase receptor prostaglandin E receptor 3 (subtype EP3) tucosyltransferase 6 (alpha (1,3) fucosyltransfera trithor

212229 s at	4D	NM_033624	NP_296373	23014	FBXO21	Fbox protein 21
212242_at	4D	NM_006000	NP_005991	7277	TUBA1	tubulin, alpha 1 (testis specific)
212254_s_at	4D	NM_183380	NP 899236	667	DST	dystonin
212268_at	4D	NM_030666	NP_109591	1992	SERPINB1	serine (or cysteine) proteinase inhibitor, clade B
212270 x at	4D	NM_000985	NP 000976	6139	RPL17	ribosomal protein L17
212274_at	4D	NM_145693	NP_663731	23175	LPINI	lipin I
212296_at	4D	NM_005805	NP_005796	10213	PSMD14	proteasome (prosome, macropain) 26S subunit, nonAT
212314_at	4D	NM_015187	NP_056002	23231	KIAA0746	KIAA0746 protein
212330_at	4D	NM_007111	NP_009042	7027	TFDPI	transcription factor Dp1
212333_at	4D	NM_015475	NP_056290	25940	DKFZP564F0522	DKFZP564F0522 DKFZP564F0522 protein
212334_at	4D	NM_002076	NP_002067	2799	GNS	glucosamine (Nacetyl)6sulfatase (Sanfilippo diseas
212338 at	4D	NM 015194	NP 056009	4642	MYOID	myosin ID
212348_s_at	4D	NM_015013	NP_055828	23028	AOF2	amine oxidase (flavin containing) domain 2
212355_at	4D	NM_015299	NP_056114	23351	KIAA0323	KIAA0323
212361_s_at	4D	NM_001681	NP_001672	488	ATP2A2	ATPase, Ca++ transporting, cardiac muscle, slow
212378_at	4D	NM_000819	NP_000810	2618	GART	phosphoribosylglycinamide formyltransferase, phosp
212380_at	4D	NM_015050	NP_055865	23070	KIAA0082	KIAA0082
212411_at	4D	NM_033416	NP_219484	92856	IMP4	U3 snoRNP protein 4 homolog
212415_at	4D	NM_145799	NP_665798	23157	SEPT6	septin 6
212429_s_at	4D	NM_001521	NP_001512	2976	GTF3C2	general transcription factor IIIC, polypeptide 2,
212457_at	4D	NM_006521	NP_006512	7030	TFE3	transcription factor binding to IGHM enhancer 3
212464_s_at	4D	NM_002026	NP_002017	2335	FNI	fibronectin I
212467_at	4D	NM_173823	NP_776184	23317	DNAJC13	DnaJ (Hsp40) homolog, subfamily C, member 13
212487_at	4D	NM_001002909	NP_001002909	23131	KIAA0553	KIAA0553 protein
212500_at	4D	NM_032804	NP_116193	84890	C10orf22	chromosome 10 open reading frame 22
212522_at	4D	NM_173456	NP_775658	5151	PDE8A	phosphodiesterase 8A
212527_at	4D	XM_039495	XP_039495	27351	D15Wsu75e	DNA segment, Chr 15, Wayne State University 75, ex
212537_x_at	4D	NM_000985	NP_000976	6139	RPL17	ribosomal protein L17
212539_at	4D	NM_004284	NP_004275	9557	CHDIL	chromodomain helicase DNA binding protein Hike
212541_at	4D	NM_025207	NP_079483	80308	PP591	FADsynthetase
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Sjogren syndrome antigen A2 (60kDa, ribonucleoprot	SSA2	6738	NP_004591	NM_004600	4D	212839_s_at
polymerase (DNAdirected), delta 3, accessory subun	POLD3	10714	NP_006582	NM_006591	4D	212836_at
EGFlikedomain, multiple 5	EGFL5	1955	XP_376905	XM_376905	4D	212831_at
PAX transcription activation domain interacting pr	PAXIPIL	22976	NP_031375	NM_007349	4D	212825_at
DnaJ (Hsp40) homolog, subfamily B, member 5	DNAJB5	25822	NP_036398	NM_012266	4D	212817_at
KIAA0877 protein	K1AA0877	23333	XP_371891	XM_371891	4D	212792_at
ribosomal protein L13a	RPL13A	23521	NP_036555	NM_012423	4D	212790_x_at
HDCMA18P protein	HDCMA18P	51574	NP_057732	NM_016648	4D	212785_s_at
GTP_binding protein	GTP	92170	NP_612393	NM_138384	4D	212767_at
ankyrin repeat and sterile alpha motif domain cont	ANKSI	23294	NP_056060	NM_015245	4D	212747_at
pleckstrin homology domain containing, family E (w	PLEKHE1	23239	NP_919431	NM_194449	4D	212719_at
cMpl binding protein	LOC113251	113251	NP_443111	NM_052879	4D	212714 at
bicaudal D homolog 2 (Drosophila)	BICD2	23299	NP_001003800	NM_001003800	4D	212702 s_at
septin 10	SEPT10	151011	NP_653311	NM_144710	4D	212698_s_at
hypothetical protein LOC162427	LOC162427	162427	NP_835227	NM_178126	4D	212697_at
protein phosphatase 1H (PP2C domain containing)	PPMIH	57460	XP_350881	XM_350880	4D	212686_at
zinc finger protein 3 (A851)	ZNF3	7551	NP_116313	NM_032924	4D	212684_at
erythrocyte membrane protein band 4.11ike 3	EPB41L3	23136	NP_036439	NM_012307	4D	212681_at
KIAA0582	KIAA0582	23177	NP_055962	NM_015147	4D	212677_s_at
secreted protein, acidic, cysteinerich (osteonecti	SPARC	6678	NP_003109	NM_003118	4D	212667_at
TCDDinducible poly(ADPribose) polymerase	TIPARP	25976	NP_056323	NM_015508	4D	212665_at
peptidylprolyl isomerase A (cyclophilin A)	PPIA	5478	NP_066953	NM_021130	4D	212661_x_at
interleukin I receptor antagonist	ILIRN	3557	NP_776215	NM_173843	4D	212659_s_at
sorting nexin 4	SNX4	8723	NP_003785	NM_003794	4D	212652_s_at
DEAH (AspGluAlaHis) box polypeptide 29	DHX29	54505	NP_061903	NM_019030	4D	212648_at
protein tyrosine phosphataselike (proline instead	PTPLB	201562	NP_940684	NM_198402	4D	212640_at
quaking homolog, KH domain RNA binding (mouse)	QKI	9444	NP_996737	NM_206855	4D	212636_at
mitochondrial ribosomal protein S31	MRPS31	10240	NP_005821	NM_005830	4D	212603_at
protein tyrosine phosphatase, receptor type, C	PTPRC	5788	NP_563579	NM_080922	4D	212588_at
zinc finger protein 451	ZNF451	26036	NP_056370	NM_015555	4D	212557_at
signal transducer and activator of transcription 5	STATSB	6777	NP_036580	NM_012448	4D	212550_at

213129_s_at 4D	213122 at 4D	213092_x_at 4D	213084_x_at 4D	213078_x_at 4D	213073_at 4D	213063_at 4D	213062_at 4D	213045_at 4D	213018_at 4D	213009_s_at 4D	213001_at 4D	212974_at 4D	212973_at 4D	212964_at 4D	212958_x_at 4D	212955_s_at 4D	212940_at 4D	212936_at 4D	212933_x_at 4D	212928_at 4D	212926_at 4D	212925_at 4D	212922_s_at 4D	212905_at 4D	212885_at 4D	212875_s_at 4D	212872_s_at 4D	212862_at 4D	212800_at 4D
NM_004483	NM_033512	NM_015190	NM_000984	NM_153613	NM_015346	NM_024824	NM_173474	XM_038150	NM_021167	NM_015294	NM_012098	NM_014957	NM_144563	NM_015094	NM_138822	NM_006233	NM_001848	NM_032042	NM_000977	NM_021648	NM_015110	NM_173481	NM_020197	NM_015235	NM_005791	NM_199050	NM_004275	NM_003818	CIICIO MN
NP_004474	NP_277047	NP_056005	NP_000975	NP_705841	NP_056161	NP_079100	NP_775745	XP_038150	NP_066990	NP_056109	NP_036230	NP_055772	NP_653164	NP_055909	NP_620177	NP_006224	NP_001839	NP_114431	NP_000968	NP_067680	NP_055925	NP_775752	NP_064582	NP_056050	NP_005782	NP_950251	NP_004266	NP_003809	INF_033330
2653	85453	23234	6147	254531	23503	79882	123803	23031	57798	4591	23452	22898	22934	23119	5066	5438	1291	83989	6137	23270	23137	126353	56950	23283	10199	25966	9477	8760	17.1
GCSH	TSPYL5	DNAJC9	RPL23A	LOC254531	ZFYVE26	FLJ11806	NTANI	MAST3	ODAG	TRIM37	ANGPTL2	KIAA0870	RPIA	HIC2	PAM	POLR21	COL6A1	DKFZP564D172	RPL13	TSPYL4	SMC5L1	C19orf21	SMYD2	CSTF2T	MPHOSPH10	C21orf25	USP49	CDS2	12020270
glycine cleavage system protein H (aminomethy) car	TSPYlike 5	DnaJ (Hsp40) homolog, subfamily C, member 9	ribosomal protein L23a	PLSC domain containing protein	zinc finger, FYVE domain containing 26	nuclear protein UKp68	Nterminal asparagine amidase	microtubule associated serine/threonine kinase 3	ocular developmentassociated gene	tripartite motificontaining 37	angiopoietinlike 2	K1AA0870 protein	ribose 5phosphate isomerase A (ribose 5phosphate e	hypermethylated in cancer 2	peptidylglycine alphaamidating monooxygenase	polymerase (RNA) II (DNA directed) polypeptide I,	collagen, type VI, alpha I	hypothetical protein DKFZp564D172	ribosomal protein L13	TSPYlike 4	SMC5 structural maintenance of chromosomes 5like 1	chromosome 19 open reading frame 21	SET and MYND domain containing 2	cleavage stimulation factor, 3' preRNA, subunit 2,	Mphase phosphoprotein 10 (U3 small nucleolar ribon	chromosome 21 open reading frame 25	ubiquitin specific protease 49	CDPdiacylglycerol synthase (phosphatidate cytidyly	NIAA0270 protein

213133_s_at	4D	NM_004483	NP_004474	2653	GCSH	glycine cleavage system protein H (aminomethyl
213168 at	4D	NM_003111	NP_003102	6670	SP3	Sp3 transcription factor
213190 at	4D	NM_153603	NP 705831	91949	COG7	component of oligomeric golgi complex 7
213203_at	4D	NM_006049	NP_006040	10302	SNAPC5	small nuclear RNA activating complex, polypeptide
213218_at	4D	NM_152736	NP_689949	7741	ZNF187	zinc finger protein 187
213269_at	4D	NM_021045	NP_066383	57209	ZNF248	zinc finger protein 248
213302_at	4D	NM_012393	NP_036525	8615	PFAS	phosphoribosylformylglycinamidine synthase (FGAR a
213312_at	4D	NM_020425	NP_065158	57150	C6orf162	chromosome 6 open reading frame 162
213326_at	4D	NM_014231	NP_055046	6843	VAMPI	vesicleassociated membrane protein 1
213340 s at	4D	NM_207306	NP 997189	57212	KIAA0495	KIAA0495
213349_at	4D	NM_015008	NP_055823	23023	TMCC1	transmembrane and coiledcoil domains 1
213373 s_at	4D	NM_001228	NP_001219	841	CASP8	caspase 8, apoptosisrelated cysteine protease
213378_s_at	4D	NM_004399	NP_004390	1663	DDXII	DEAD/H (AspGluAlaAsp/His) box polypeptide 11 (CHL1
213398_s_at	4D	NM_020195	NP_064580	56948	C14orf124	chromosome 14 open reading frame 124
213402_at	4D	NM_001002836	NP_001002836	126208	LOC126208	hypothetical protein LOC126208
213412_at	4D	NM_014428	NP_055243	27134	TJP3	tight junction protein 3 (zona occludens 3)
213414 s_at	4D	NM_001022	NP_001013	6223	RPS19	ribosomal protein S19
213434_at	4D	NM_194356	NP_919337	2054	EPIM	epimorphin
213437_at	4D	XM_496700	XP_496700	441022	LOC441022	similar to RUN and FYVE domaincontaining 2; Run an
213457_at	4D	NM_004225	NP_004216	9258	MFHAS1	malignant fibrous histiocytoma amplified sequence
213480_at	4D	NM_201994	NP_973723	8674	VAMP4	vesicleassociated membrane protein 4
213483_at	4D	NM_015342	NP_056157	23398	KIAA0073	KIAA0073 protein
213492 at	4D	NM_033150	NP_149162	1280	COL2A1	collagen, type II, alpha I (primary osteoarthritis
213501_at	4D	NM_007292	NP_009223	51	ACOX1	acylCoenzyme A oxidase 1, palmitoyl
213506_at	4D	NM_005242	NP_005233	2150	F2RL1	coagulation factor II (thrombin) receptorlike 1
213519_s_at	4D	NM_000426	NP_000417	3908	LAMA2	laminin, alpha 2 (merosin, congenital muscular dys
213523_at	4D	NM_057182	NP_476530	898	CCNE1	cyclin E1
213527 s_at	4D	NM_145271	NP_660314	146542	LOC146542	similar to hypothetical protein MGC13138

Nacylsphingosine amidohydrolase (acid	ASAHI	427	NP 004306	NM 004315	4D	213902_at
adenine phosphoribosyltransferase	APRT	353	NP_000476	NM_000485	4D	213892 s at
phosphatidylinositol glycan, class L	PIGL	9487	NP_004269	NM_004278	4D	213889_at
zinc finger, CSL domain containing 3	ZCSL3	120526	NP_859057	NM_181706	4D	213853_at
Similar to RIKEN cDNA 1810038N08 gene	MGC52022	375346	NP_940965	NM_198563	4D	213851 at
cytochrome c oxidase subunit VIIc	COX7C	1350	NP_001858	NM_001867	4D	213846_at
WD40 repeat protein Interacting with phospholnosit	WIPI49	55062	NP_060453	NM_017983	45	213836_s_at
GTP binding protein 3 (mitochondrial)	GTPBP3	84705	NP_116009	NM_032620	4D	213835_x_at
homeo box A11	HOXAII	3207	NP_005514	NM_005523	Đ	213823_at
START domain containing 5	STARDS	80765	NP_085051	NM_030574	4D	213820 s at
transcription factor 3 (E2A immunoglobulin enhance	TCF3	6929	NP_003191	NM_003200	4D	213811_x_at
protein tyrosine phosphatase, receptor type, A	PTPRA	5786	NP_543031	NM_080841	4D	213799 s at
CAP, adenylate cyclaseassociated protein 1 (yeast	CAPI	10487	NP_006358	NM_006367	4D	213798_s_at
Tax1 (human Tcell leukemia virus type 1) binding p	TAXIBPI	8887	NP_006015	NM_006024	40	213786_at
hypothetical protein FLJ43806	FLJ43806	399563	NP_963922	NM_201628	4D	213752_at
hypothetical protein LOC284352	LOC284352	284352	XP_113978	XM_113978	4D	213751_at
MAXIike protein X	MLX	6945	NP_937848	NM_198205	4D	213708_s_at
Rab geranylgeranyltransferase, beta subunit	RABGGTB	5876	NP_004573	NM_004582	4D	213704_at
ribosomal protein L35a	RPL35A	6165	NP_000987	NM_000996	4D	213687 s_at
NOL1/NOP2/Sun domain family, member 5	NSUN5	55695	NP_683759	NM_148956	4D	213670_x_at
septin 6	SEPT6	23157	NP_665799	NM_145800	4D	213666_at
zinc finger protein 75 (D8C6)	ZNF75	7626	NP_009062	NM_007131	4D	213659_at
similar to KIAA0363	LOC392666	392666	XP_374432	XM_374432	4D	213630_at
kinesin family member 3A	KIF3A	11127	NP_008985	NM_007054	4D	213623_at
NAD kinase	FLJ13052	65220	NP_075394	NM_023018	4D	213607 x_at
FUS interacting protein (serinearginine rich) 1	FUSIPI	10772	NP_473357	NM_054016	4D	213594_x_at
angiotensin II receptorlike 1	AGTRL1	187	NP_005152	NM_005161	4D	213592_at
ribosomal protein L14	RPL14	9045	NP_003964	NM_003973	4D	213588 x at
E1A binding protein p300	EP300	2033	NP_001420	NM_001429	4D	213579_s_at
squalene epoxidase	SQLE	6713	NP_003120	NM_003129	4D	213577_at
sorting nexin 3	SNX3	8724	NP_003786	NM_003795	4D	213545 x_at
major histocompatibility complex, class II, DP alp	HLADPAI	3113	NP 291032	NM_033554	4D	213537_at

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ribosomal protein L17	RPL17	6139	NP_000976	NM_000985	4D	214291_at
fatty acid binding protein 3, muscle and heart (ma	FABP3	2170	NP_004093	NM_004102	4D	214285_at
galanin	GAL	51083	NP_057057	NM_015973	4D	214240_at
protein (peptidylprolyl cis/trans isomerase) NIMAi	PIN4	5303	NP_006214	NM_006223	4D	214224 s at
complement component 1, q subcomponent binding pro	CIQBP	708		NM_001212	4D	214214_s_at
solute carrier family 25 (mitochondrial carrier; p	SLC25A17	10478	NP_006349	NM_006358	4D	214210_at
DiGeorge syndrome critical region gene 2	DGCR2	9993	NP_005128	NM_005137	4D	214198 s at
tripeptidyl peptidase l	TPP1	1200	NP_000382	NM_000391	4D	214195_at
nuclear factor (erythroidderived 2)like 1	NFE2L1	4779		NM 003204	4D	214179 s at
fumarate hydratase	FH	2271	NP_000134	NM_000143	4D	214170_x_at
succinate dehydrogenase complex, subunit B, iron s	SDHB	6390	NP_002991	NM_003000	4D	214166_at
polymerase (RNA) II (DNA directed) polypeptide D	POLR2D	5433		NM_004805	4D	214144_at
ribosomal protein L24	RPL24	6152		NM_000986	4D	214143_x_at
nudix (nucleoside diphosphate linked moiety X)type	NUDT13	25961	NP_056985	NM_015901	4D	214136_at
pericentriolar material 1	PCMI	5108		NM_006197	4D	214118_x_at
MYC associated factor X	MAX	4149	NP_660089	NM_145114	4D	214108_at
GDPmannose 4,6dehydratase	GMDS	2762	NP_001491	NM_001500	4D	214106 s at
glutathione peroxidase 3 (plasma)	GPX3	2878	NP_002075	NM_002084	4D	214091_s_at
neutrophil cytosolic factor 1 (47kDa, chronic gran	NCFI	4687	NP_000256	NM_000265	4D	214084_x_at
singlestranded DNA binding protein 1	SSBP1	6742	NP_003134	NM_003143	4D	214060_at
gelsolin (amyloidosis, Finnish type)	GSN	2934	NP_000168	NM_000177	4D	214040_s_at
chromosome X open reading frame 37	CXorf37	28952	NP_054727	NM_014008	4D	214037_s_at
CDC42 effector protein (Rho GTPase binding) 2	CDC42EP2	10435	NP_006770	NM_006779	4D	214014_at
hypothetical protein HSPC111	HSPC111	51491	NP_057475	NM_016391	4D	214011_s_at
ribosomal protein S20	RPS20	6224	NP_001014	NM_001023	4D	214003_x_at
myosin, light polypeptide 6, alkali, smooth muscle	MYL6	4637	NP_524148	NM_079424	4D	214002_at
ATP synthase, H+ transporting, mitochondrial F0 co	ATP5S	27109	NP_001003803	NM_001003803	40	213995_at
ADAMTSlike 3	ADAMTSL3	57188		NM_207517	4D	213974_at
ribosomal protein L29	RPL29	6159		NM_000992	4D	213969_x_at
formin binding protein 1	FNBP1	23048	NP 055848	NM_015033	4D	213940_s_at
ceramidase)						

NP_072047 6293 NP_003329 7321
NP_996733 9444 NP_055267 27242
NP_003518 8348
NP_005015 5273
NP_055196 27030
NP_000557 2209
NP_898883 1390
NP_055100 23404
NP_001663 434
NP_000328 6444
NP_000322 6288
NP_003517 8347
NP_005810 10228
NP_000653 9
NP_068777 3142
XP_048898 259217
NP_006161 4839
NP_056647 8932
NP_000689 240
NP_689476 7170
NP 942131 31
NP_000781 1644
NP_009112 11184
NP_002505 4856
NP_055944 23157

transcription factor 3 (E2A immunoglobulin enhance	TCF3	6929	NP_003191	NM_003200	4D	215260_s_at
eukaryotic translation initiation factor 3, subuni	EIF3S8	8663	NP_003743	NM_003752	4D	215230_x_at
keratin, hair, basic, 6 (monilethrix)	KRTHB6	3892	NP_002275	NM 002284	4D	215189_at
cadherinlike 22	CDH22	64405	NP 067071	NM_021248	4D	215181_at
NAD kinase	FLJ13052	65220	NP_075394	NM_023018	4D	215159_s_at
exosome component 8	EXOSC8	11340	NP_852480	NM_181503	4D	215136_s_at
similar to KIAA0752 protein	LOC389347	389347	XP_371783	XM_371783	4D	215133 s at
KIAA0492 protein	KIAA0492	57238	XP_378914	XM_378914	4D	215109_at
NAD(P) dependent steroid dehydrogenaselike	NSDHL	50814	NP_057006	NM_015922	4D	215093_at
erythropoietin receptor	EPOR	2057	NP_000112	NM_000121	4D	215054_at
neurexin 3	NRXN3	9369	NP 004787	NM_004796	4D	215021_s_at
fasciculation and elongation protein zeta 2 (zygin	FEZ2	9637	NP_005093	NM_005102	4D	215000_s_at
glutamate receptor, ionotropic, kainate 5	GRIK5	2901	NP_002079	NM_002088	4D	214966_at
hypothetical protein MGC26885	MGC26885	124044	NP_689552	NM_152339	4D	214965_at
KIAA0527 protein	KIAA0527	26032	XP_171054	XM_171054	4D	214954_at
ATPase, Class II, type 9B	ATP9B	374868	NP_940933	NM_198531	4D	214934_at
SHC (Src homology 2 domain containing) transformin	SHC1	6464	NP_003020	NM_003029	4D	214853_s_at
Gprotein signalling modulator 3 (AGS3 like, C. eleg	OPSM3	03940	NF_0/1390	NMI_0ZZ107	ŧ	21404/_S_at
docking protein 5	DOKS	01860	NP 060901	NM 018431		214844 S at
hypothetical protein from clone 24828	KIAA1747	57795	NP_066988	NM_021165		214822_at
exportin 6	XPO6	23214	NP_055986	NM_015171	4D	214784 x at
putative MAPK activating protein	MGC3794	261726	NP_690866	NM_152902	4D	214773_x_at
G2 protein	G2	25758	XP_039515	XM_039515	4D	214772_at
Sp1 transcription factor	SP1	6667	NP_612482	NM_138473	4D	214732_at
zinc finger protein 200	ZNF200	7752	NP_003445	NM_003454	4D	214706_at
InaDlike (Drosophila)	INADL	10207	NP_795353	NM_176878	4D	214705_at
hypothetical protein MGC14376	MGC14376	84981	NP_001001870	NM_001001870	4D	214696_at
neuropilin 2	NRP2	8828	NP_958436	NM 201279	4D	214632_at
glucosidase, alpha; neutral AB	GANAB	23193	NP_938148	NM_198334	4D	214626 s at
CASP8 and FADDlike apoptosis regulator	CFLAR	8837	NP_003870	NM_003879	4D	214618_at
tetraspan 2	TSPAN2	10100	NP_005716	NM_005725	4D	214606_at
homolog,						

		2				NYI-4308224v1
leukotriene B4 receptor	LTB4R	1241	NP_858043	NM_181657	ŧ	216388_s_at
KIAA0690	KIAA0690	23223	NP_055994	NM_015179	4D	216360_x_at
deleted in azoospermia 4	DAZ4	57135	NP_065153	NM_020420	4D	216351_x_at
glycerol kinase	GK	2710	NP_000158	NM_000167	4D	216316_x_at
glutamate receptor, metabotropic 8	GRM8	2918	NP_000836	NM_000845	4D	216255 s at
parvin, beta	PARVB	29780	NP_001003828	NM_001003828	4D	216254_at
Fas (TNF receptor superfamily, member 6)	FAS	355	NP_690612	NM_152873	4D	216252 x at
nuclear receptor subfamily 4, group A, member 2	NR4A2	4929	NP_775263	NM_173171	Đ	216248_s_at
protein kinase, cAMPdependent, catalytic, alpha	PRKACA	5566	NP_002721	NM_002730	4D	216234 s_at
serine palmitoyltransferase, long chain base subun	SPTLC2	9517	NP_004854	NM_004863	4D	216202_s_at
KIBRA protein	KIBRA	23286	NP_056053	NM_015238	4D	216074_x_at
suppressor of hairy wing homolog 1 (Drosophila)	SUHW1	129025	NP_542778	NM_080740	4D	216034_at
glycine receptor, alpha 3	GLRA3	1008	NP_006520	NM_006529	4D	216021_s_at
ADPribosylation factor related protein 1	ARFRPI	10139	NP_003215	NM_003224	4D	215984_s_at
reproduction 8	D8S2298E	7993	NP_005662	NM_005671	4D	215983 s_at
ornithine decarboxylase antizyme 1	OAZI	4946	NP_004143	NM_004152	4D	215952 s at
hypothetical protein FLJ14668	FLJ14668	84908	NP_116211	NM_032822	4D	215947_s_at
Nacetylglucosaminidase, alpha (Sanfilippo disease	NAGLU	4669	NP_000254	NM_000263	4D	215880_at
TCR gamma alternate reading frame protein	TARP	445347	NP_001003806	NM_001003806	4D	215806_x_at
poly (ADPribose) polymerase family, member 2	PARP2	10038	NP_005475	NM_005484	4D	215773_x_at
Fas (TNF receptor superfamily, member 6)	FAS	355	NP_690613	NM_152874	4D	215719_x_at
primase, polypeptide 2A, 58kDa	PRIM2A	5558	NP_000938	NM_000947	4D	215708_s_at
postmeiotic segregation increased 2like 5	PMS2L5	5383	NP_777590	NM_174930	4D	215667_x_at
mevalonate kinase (mevalonic aciduria)	MVK	4598	NP_000422	NM_000431	4D	215649_s_at
RAB6 interacting protein 2	RAB61P2	23085	NP_829884	NM_178040	4D	215606_s_at
SMA4	SMA4	11039	NP_067684	NM_021652	4D	215599_at
sec1 family domain containing 1	SCFDI	23256	NP_057190	NM_016106	4D	215548_s_at
diaphanous homolog 1 (Drosophila)	DIAPHI	1729	NP_005210	NM_005219	4D	215541_s_at
butyrophilin, subfamily 2, member A1	BTN2AI	11120	NP_008980	NM_007049	4D	215493 x at
brain expressed Xlinkedlike 1	BEXL1	56271	XP_043653	XM_043653	4D	215440 s at
bromodomain adjacent to zinc finger domain, 2A	BAZ2A	11176	NP_038477	NM_013449	4D	215437_x_at
troponin T2, cardiac	TNNT2	7139	NP_001001430	NM_001001430	4D	215389_s_at
CD8 antigen, beta polypeptide 1 (p37)	CD8B1	926	NP_742099	NM_172101	4D	215332_s_at
Rap2binding protein 9	RPIB9	154661	NP_612147	NM_138290	4D	215321_at
solute carrier family 12 (sodium/chloride transpor	SLC12A3	6559	NP_000330	NM_000339	4D	215274 at

216418_at	4D	NM_000033	NP_000024	215	ABCDI	ATPbinding cassette, subfamily D (ALD),
216438 s at	4D	NM 183049	NP 898870	7117	TMSL3	thymosinlike 3
216503_s_at	4D	NM_004641	NP_004632	8028	MLLT10	myeloid/lymphoid or mixedlineage leukemia (trithor
216515_x_at	4D	NM_002823	NP_002814	5757	PTMA	prothymosin, alpha (gene sequence 28)
216522_at	4D	NM_012367	NP_036499	26212	OR2B6	olfactory receptor, family 2, subfamily B, member
216733_s_at	4D	NM_001482	NP_001473	2628	GATM	glycine amidinotransferase (Larginine:glycine amid
216824_at	4D	XM_499457	XP_499457	442711	LOC442711	similar to dJ133P16.1 (ADPribosylation factor 1)
216841_s_at	4D	NM_000636	NP_000627	6648	SOD2	superoxide dismutase 2, mitochondrial
216915_s_at	4D	NM_002835	NP_002826	5782	PTPN12	protein tyrosine phosphatase, nonreceptor type 12
216922_x_at	4D	NM_004081	NP_004072	1617	DAZI	deleted in azoospermia 1
216937 s at	4D	NM_000330	NP_000321	6247	RSI	retinoschisis (Xlinked, juvenile) I
216950 s at	45	NM_000566	NP_000557	2209	FCGRIA	Fc fragment of IgG, high affinity Ia, receptor (CD)
216962_at	4D	NM_032308	NP_115684	84268	RIP	RPA interacting protein
217014 s_at	4D	NM_001185	NP_001176	563	AZGPI	alpha2glycoprotein 1, zinc
217016 x_at	4D	XM_371680	XP_371680	389177	LOC389177	hypothetical LOC389177
217039 x at	46	NM_005229	NP_005220	2002	ELKI	ELK1, member of ETS oncogene family
217094 s at	4D			83737	ITCH	itchy homolog E3 ubiquitin protein ligase (mouse)
217109 at	₽	NM_004532	NP_004523	4585	MUC4	mucin 4, tracheobronchial
217167_x_at	₽	NM_203391	NP_976325	2710	GK	glycerol kinase
217186_at	4D	NM_003904	NP_003895	8882	ZNF259	zinc finger protein 259
217196_s_at	4D	NM_203459	NP 982284	23271	KIAA1078	KIAA1078 protein
217216_x_at	4D	NM_014381	NP_055196	27030	EHTW	mutL homolog 3 (E. coli)
217299 s at	4D	NM_002485	NP_002476	4683	NBS1	Nijmegen breakage syndrome 1 (nibrin)
217303 s_at	₽ ₽	NM_000025	NP_000016	155	ADRB3	adrenergic, beta3, receptor
217475_s_at	4D	NM_005569	NP_005560	3985	LIMK2	LIM domain kinase 2
217489 s at	4D	NM_000565	NP_000556	3570	IL6R	interleukin 6 receptor
217491_x_at	4D	NM_001867	NP_001858	1350	COX7C	cytochrome c oxidase subunit VIIc
217492_s_at	4D	NM_000314	NP_000305	5728	PTEN	phosphatase and tensin homolog (mutated in multipl
217499 x at	4D	XM_497371				
217565 at	4D	NM_007325	NP_015564	2892	GRIA3	glutamate receptor, ionotrophic, AMPA 3
217583_at	4D	NM_000277	NP_000268	5053	PAH	phenylalanine hydroxylase

217588_at	4D	NM_172097	NP_742095	117155	CATSPER2	cation channel, sperm associated 2
217631_at	4D	NM_012341	NP_036473	23560	GTPBP4	GTP binding protein 4
217681_at	4D	NM_058238	NP_478679	7477	WNT7B	winglesstype MMTV integration site family, member
217691_x_at	4D	NM_004207	NP 004198	9123	SLC16A3	solute carrier family 16 (monocarboxylic acid tran
217728_at	4D	NM_014624	NP_055439	6277	S100A6	S100 calcium binding protein A6 (calcyclin)
217732_s_at	4D	NM_021999	NP_068839	9445	ITM2B	integral membrane protein 2B
217733_s_at	4D	NM_021103	NP_066926	9168	TMSB10	thymosin, beta 10
217734 s_at	4D	NM_018031	NP_060501	11180	WDR6	WD repeat domain 6
217738_at	4D	NM_005746	NP_005737	10135	PBEFI	preBcell colony enhancing factor 1
217739 s_at	4D	NM_005746	NP_005737	10135	PBEF1	preBcell colony enhancing factor 1
217743_s_at	4D	NM_018247	NP_060717	55754	TMEM30A	transmembrane protein 30A
217748_at	4D	NM_015999	NP_057083	51094	ADIPOR1	adiponectin receptor 1
217755_at	4D	NM_016185	NP_057269	51155	INH	hematological and neurological expressed 1
217756_x_at	4D	NM_005770	NP_005761	10169	SERF2	small EDRKrich factor 2
217759_at	4D	NM_017583	NP_060053	54765	TRIM44	tripartite motifcontaining 44
217761_at	4D	NM_018269	NP_060739	55256	MTCBP1	membranetype I matrix metalloproteinase cytoplasmi
217763_s_at	4D	NM_006868	NP_006859	11031	RAB31	RAB31, member RAS oncogene family
217764_s_at	4D	NM_006868	NP_006859	11031	RAB31	RAB31, member RAS oncogene family
217766_s_at	4D	NM_014313	NP_055128	23585	SMPI	small membrane protein 1
217768_at	4D	NM_016039	NP_057123	51637	C14orf166	chromosome 14 open reading frame 166
217769 s_at	4D	NM_015932	NP_057016	51371	Cl3orf12	chromosome 13 open reading frame 12
217773_s_at	4D	NM_002489	NP_002480	4697	NDUFA4	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex
217774 s at	4D	NM_016404	NP_057488	51504	HSPC152	hypothetical protein HSPC152
217782 s at	4D	NM_004127	NP_004118	2873	GPS1	G protein pathway suppressor 1
217793_at	4D	NM_004218	NP_004209	9230	RABIIB	RABIIB, member RAS oncogene family
217797_at	4D	NM_016406	NP_057490	51506	UfcI	Ufm1conjugating enzyme 1
217811_at	4D	NM_016275	NP_057359	51714	SELT	selenoprotein T
217815_at	4D	NM_007192	NP_009123	11198	SUPT16H	suppressor of Ty 16 homolog (S. cerevisiae)
217818_s_at	4D	NM_005718	NP_005709	10093	ARPC4	actin related protein 2/3 complex, subunit 4, 20kD
217828_at	4D	NM_024755	NP_079031	79811	FLJ13213	hypothetical protein FLJ13213
217831 s at	4D	NM_016143	NP_057227	55968	NSFL1C	NSFL1 (p97) cofactor (p47)
217834_s_at	4D	NM_006372	NP_006363	10492	SYNCRIP	synaptotagmin binding, cytoplasmic RNA

mitochondrial ribosomal protein L13	MRPL13	28998	NP_054797	NM_014078	40	218049_s_at
stannin	SNN	8303	NP 003489	NM 003498		218033 s at
stannin	SNN					218032 at
vaccinia related kinase 3	VRK3	51231	NP_057524	NM_016440		218022_at
chromosome 20 open reading frame 149	C20orf149	79144	NP 077275			218010_x_at
ribosomal protein S27like	RPS27L	51065				218007_s_at
zinc finger protein 22 (KOX 15)	ZNF22	7570	NP 008894			218005 at
mitochondrial ribosomal protein S2	MRPS2	51116	NP_057118	NM_016034	4D	218001_at
sulfide quinone reductaselike (yeast)	SQRDL	58472	NP_067022	NM_021199	4D	217995 at
hypothetical protein FLJ20542	FLJ20542	54973	NP_060341	NM_017871	4D	217994 x at
cyclin B1 interacting protein 1	CCNBIIPI	57820	NP_067001	NM_021178		217988 at
selenoprotein X, 1	SEPXI	51734	NP_057416	NM_016332	4D	217977_at
mitogenactivated protein kinase kinase 1 interacti	MAP2K11P1	8649	NP_068805	NM_021970		217971_at
nucleolar protein family A, member 3 (H/ACA small	NOLA3	55505	NP_061118	NM_018648	40	21/962_at
vitamin K epoxide reductase complex, subunit 1	VKORC1	79001	NP_076869	NM_024006		217949 s at
hypothetical protein FLJ10769	FLJ10769	55739	NP_060680	NM_018210	4D	217940 s at
signal peptidase complex subunit 1 homolog (S. cer	SPCS1	28972	NP_054760	NM_014041	4D	217927_at
HSPC023 protein	HSPC023	28974	NP_054766	NM_014047	4D	217926 at
dynein, cytoplasmic, light polypeptide 2A	DNCL2A	83658	NP_054902	NM_014183	4D	217918_at
family with sequence similarity 49, member B	FAM49B	51571	NP_057707	NM_016623	4D	217916_s_at
hect domain and RLD 2	HERC2	8924	NP_004658	NM_004667	4D	217902_s_at
chromosome 15 open reading frame 24	C15orf24	56851	NP_064539	NM_020154	4D	217898_at
NEFAinteracting nuclear protein NIP30	NIP30	80011	NP_079222	NM_024946	4D	217896_s_at
hypothetical protein FLJ13868	FLJ13868	64755	NP_073581	NM_022744	4D	217891_at
chromosome 2 open reading frame 25	C2orf25	27249	NP_056517	NM_015702	4D	217883_at
cell division cycle 27	CDC27	996	NP_001247	NM_001256	4D	217881 s_at
cell division cycle 27	CDC27	996	NP_001247	NM_001256	4D	217878_s_at
macrophage migration inhibitory factor (glycosylat	MIF	4282	NP_002406	NM_002415	4D	217871_s_at
Enah/Vasplike	EVL	51466	NP_057421	NM_016337	4D	217838 s at
vacuolar protein sorting 24 (yeast)	VPS24	51652	NP_057163	NM_016079	4D	217837 s at
chromosome 20 open reading frame 24	C20orf24	55969	NP_061328	NM_018840	4D	217835_x_at
interacting						

LanC lantibiotic synthetase component Clike 2	LANCL2	55915	NP_061167	NM_018697	40	218219 S at
chromosome 11 open reading frame 10	C11orf10	746	NP_055021	NM_014206	45	218213 s at
fructosamine3kinaserelated protein	FN3KRP	79672	NP_078895	NM_024619	4D	218210 at
nucleolar protein family 6 (RNAassociated)	NOL6	65083	NP_075068	NM_022917	4D	218199_s_at
osteopetrosis associated transmembrane protein 1	IMTSO	28962	NP_054747	NM 014028	4D	218196_at
ubiquinoleytochrome c reductase complex (7.2 kD)	HSPC051	29796	NP_037519	NM_013387	4D	218190_s_at
vacuolar protein sorting 4B (yeast)	VPS4B	9525	NP_004860	NM_004869	4D	218171 at
ADPribosylation factorlike 5	ARLS	26225	NP_036229	NM_012097	40	218150 at
signal recognition particle receptor, B subunit	SRPRB	58477	NP_067026	NM_021203	Đ	218140 x at
NIF3 NGG1 interacting factor 3like 1 (S. pombe)	N1E3L1	60491	NP_068596	NM_021824	4D	218133_s_at
leukocyte receptor cluster (LRC) member 5	LENG5	79042	NP_076980	NM_024075	4D	218132 s_at
chromosome 21 open reading frame 59	C21orf59	56683	NP_060305	NM_017835	45	218123_at
translocase of inner mitochondrial membrane 23 hom	TIMM23	10431	NP_006318	NM_006327	4D	218118_s_at
ringbox l	RBXI	9978	NP_055063	NM_014248	4D	218117 at
chromosome 9 open reading frame 78	C9orf78	51759	NP_057604	NM_016520	4D	218116_at
ASF1 antisilencing function 1 homolog B (S. cerevi	ASFIB	55723	NP_060624	NM_018154	4	218115_at
testis expressed sequence 10	TEX10	54881	NP_060216	NM_017746	40	218104 at
NADH dehydrogenase (ubiquinone) I, subcomplex unkn	NDUFC2	4718	NP_004540	NM_004549	4	218101_s_at
uncharacterized hypothalamus protein HT008	HT008	55852	NP_060939	NM_018469	Đ	218099_at
ADPribosylation factor guanine nucleotideexchange	ARFGEF2	10564	NP_006411	NM_006420	8	218098_ar
lacylglycerol3phosphate Oacyltransferase 5 (lysoph	AGPAT5	55326	NP_060831	NM_018361	40	218096_at
chromosome 20 open reading frame 35	C20orf35	55861	NP_060948	NM_018478	45	218094 s at
chromosome 20 open reading frame 4	C20orf4	25980	NP_056326	NM_015511	4D	218089_at
chromosome 20 open reading frame 27	C20orf27	54976	NP_060344	NM_017874	4D	218081_at
zinc finger, D11HC domain containing 3	ZDHHC3	51304	NP_057682	NM_016598	4D	218077_s_at
CG1128 protein	CG1128	51647	NP_057146	NM_016062	4D	218074_at
hypothetical protein FLJ10407	FLJ10407	55706	NP_060557	NM_018087	4D	218073 s at
maleenhanced antigen	MEA	4201	NP_055438	NM_014623	4D	218061_at
HSPC038 protein	LOC51123	51123	NP_057180	NM_016096	4D	218059_at
bifunctional apoptosis regulator	BFAR	51283	NP_057645	NM_016561	Đ	218056 at

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216226	5	NM 004547	ND 00/1529	4710	NIDI IEB 1	Coac
210220 S at	ŧ	NM_004547	NP_004036	4/10	NDOF54	NADH denydrogenase (ubiqumone) I beta subcomplex,
218229 s at	4D	NM_017542	NP_060012	57645	POGK	pogo transposable element with KRAB domain
218233_s_at	4D	NM_017601				
218244 at	4D	NM 017948	NP_060418	55035	NOL8	nucleolar protein 8
218249_at	4D	NM_022494	NP_071939	64429	ZDHHC6	zinc finger, DHHC domain containing 6
218255 s at	4D	NM_022452	NP_071897	64319	FBS1	fibrosin 1
218258_at	4D	NM_015972	NP_057056	51082	POLRID	polymerase (RNA) I polypeptide D, 16kDa
218263_s_at	4D	NM_021211	NP_067034	58486	LOC58486	transposonderived Buster1 transposaselike protein
218264_at	4D	NM_016567	NP_057651	56647	BCCIP	BRCA2 and CDKN1A interacting protein
218270_at	4D	NM_024540	NP_078816	79590	MRPL24	mitochondrial ribosomal protein L24
218283_at	4D	NM_016305	NP_057389	51188	SS18L2	synovial sarcoma translocation gene on chromosome
218285_s_at	4D	NM_020139	NP_064524	56898	DHRS6	dehydrogenase/reductase (SDR family) member 6
218286_s_at	4D	NM_014245	NP_055060	9616	RNF7	ring finger protein 7
218291_at	4D	NM_014017	NP_054736	28956	MAPBPIP	mitogenactivated proteinbinding proteininteracting
218292_s_at	Đ	NM_016203	NP_057287	51422	PRKAG2	protein kinase, AMPactivated, gamma 2 noncatalytic
218295 s at	4D	NM_007172	NP_009103	10762	NUP50	nucleoporin 50kDa
218297_at	4D	NM_024948	NP_079224	80013	C10orf97	chromosome 10 open reading frame 97
218302_at	4D	NM_018468				
218309_at	4D	NM_018584	NP_061054	55450	CaMKIINalpha	calcium/calmodulindependent protein kinase II
218315_s_at	4D	NM_016408	NP_057492	51654	CDK5RAPI	CDK5 regulatory subunit associated protein 1
218316_at	4D	NM_012460	NP_036592	26520	TIMM9	translocase of inner mitochondrial membrane 9 homo
218319_at	4D	NM_020651	NP_065702	57162	PELII	pellino homolog 1 (Drosophila)
218324 s_at	4D	NM_023071	NP_075559	65244	SPATS2	spermatogenesis associated, serinerich 2
218328_at	4D	NM_016035	NP_057119	51117	COQ4	coenzyme Q4 homolog (yeast)
218332_at	4D	NM_018476	NP_060946	55859	BEXI	brain expressed, Xlinked 1
218336_at	4D	NM_012394	NP_036526	5202	PFDN2	prefoldin 2
218337_at	4D	NM_022749	NP_073586	64760	RAII6	retinoic acid induced 16
218349_s_at	4D	NM_017975	NP_060445	55055	FLJ10036	Zwilch
218356_at	4D	NM_013393	NP_037525	29960	FTSJ2	FtsJ homolog 2 (E. coli)
218357_s_at	4D	NM_012459	NP_036591	26521	TIMM8B	translocase of inner mitochondrial membrane 8 homo
L. P.C.COUCE LAIN						

218363 at	4b	NM 018199	NP 060669	55218	C14orf114	chromosome Id ones reading from 114
	4D	NM_022734	NP 073571	64745	FLJ20859	FLJ20859 gene
218374_s_at	4D	NM_020374	NP_065107	57102	C12orf4	chromosome 12 open reading frame 4
218375_at	4D	NM_024047	NP_076952	53343	NUDT9	nudix (nucleoside diphosphate linked moiety X)type
218378 s_at	4D	NM_024653	NP_078929	79706	PRKRIPI	PRKR interacting protein 1 (IL11 inducible)
218379_at	4D	NM_016090	NP_057174	10179	RBM7	RNA binding motif protein 7
218401_s_at	4D	NM_012482	NP_036614	23528	ZNF281	zinc finger protein 281
218404_at	4D	NM_013322	NP_037454	29887	SNX10	sorting nexin 10
218427 at	4D	NM_006643	NP_006634	10807	SDCCAG3	serologically defined colon cancer antigen 3
218438_s_at	4D	NM_025205	NP_079481	80306	MED28	mediator of RNA polymerase II transcription, subun
218440_at	ŧĐ	NM_020166	NP_064551	56922	MCCCI	methylcrotonoylCoenzyme A carboxylase 1 (alpha)
218441_s_at	4D	NM_015540	NP_056355	26015	RPAPI	RNA polymerase II associated protein 1
218447 at	4D	NM_020188	NP_064573	56942	DC13	DC13 protein
218449 at	4D	NM_018359	NP_060829	55325	FLJ11200	hypothetical protein FLJ11200
218451 at	4D	NM_022842	NP_073753	64866	CDCP1	CUB domaincontaining protein 1
218454_at	4D	NM_024829	NP_079105	79887	FLJ22662	hypothetical protein FLJ22662
218455_at	4D	NM_021100	NP_066923	9054	NFSI	NFS1 nitrogen fixation 1 (S. cerevisiae)
218460_at	4D	NM_017802	NP_060272	54919	FLJ20397	hypothetical protein FLJ20397
218461_at	4D	NM_016301	NP_057385	51184	MGC14560	protein x 0004
218463 s at	4D	NM_025128	NP_079404	80198	MUS81	MUS81 endonuclease homolog (yeast)
218467_at	40	NM_020232	NP_064617	56984	TNFSF5IP1	tumor necrosis factor superfamily, member Sinduced
218470 at	4D	NM_015936	NP_057020	51067	CG104	CG104 protein
218471_s_at	4D	NM_024649	NP_078925	582	BBSI	BardetBiedl syndrome 1
218481_at	4D	NM_020158	NP_064543	56915	EXOSC5	exosome component 5
218483 s_at	4D	NM_020153	NP_064538	56912	FLJ21827	hypothetical protein FLJ21827
218490 s at	40	NM 018443	NP_060913	55900	ZNF302	zinc finger protein 302
218495 at	45	NM_004182	NP_004173	8409	UXT	ubiquitouslyexpressed transcript
218502 s_at	45	NM_014112	NP_054831	7227	TRPSI	trichorhinophalangeal syndrome 1
218512_at	40	NM_018256	NP_060726	55759	WDR12	WD repeat domain 12
218514 at	4	NM_018149	NP_060619	55181	FLJ10587	hypothetical protein FLJ10587
210015 at	#0	NM_016631	NP 057715	94104	C21orf66	chromosome 21 open reading frame 66

hypothetical protein FLJ20534	FLJ20534				5	218648 at
	1 120001	54969	NP_060337	NM_017867	4D	218646 at
postsynaptic protein CRIPT	CRIPT	9419	NP_054890	NM_014171	4D	218643 s at
coiledcoilhelix coiledcoilhelix domain containing	CHCHD7	79145	NP_077276	NM_024300	4D	218642 s_at
				NM_023941	4D	218641 at
abhydrolase domain containing 10	ABHD10	55347	NP_060864	NM_018394	4D	218633 x at
arginine vasopressininduced 1	AVPII	60370	NP_068378	NM_021732	4D	218631_at
smoothened homolog (Drosophila)	SMO	6608	NP_005622	NM_005631	4D	218629 at
hypothetical protein FLJ11259	FLJ11259	55332	NP_060840	NM_018370	4D	218627_at
nudix (nucleoside diphosphate linked moiety X)type	NUDT2	318	NP_001152	NM_001161	4D	218609_s_at
SDA1 domain containing 1	SDADI	55153	NP_060585	NM_018115	4D	218607 s_at
transcription factor B2, mitochondrial	TFB2M	64216	NP_071761	NM_022366	4D	218605_at
LEM domain containing 3	LEMD3	23592	NP_055134	NM_014319	4D	218604 at
upregulated gene 4	URG4	55665	NP_060390	NM_017920	4D	218601_at
				NM_018072	4D	218594_at
progressive external ophthalmoplegia 1	PEO1	56652	NP_068602	NM_021830	4D	218590_at
chromosome 5 open reading frame 3	C5orf3	10827	NP_061161	NM_018691	4D	218588 s_at
abhydrolase domain containing 4	ABHD4	63874	NP_071343	NM_022060	4D	218581_at
DEAH (AspGluAlaHis) box polypeptide 35	DHX35	60625	NP_068750	NM_021931	4D	218579 s_at
hyperparathyroidism 2 (with jaw tumor)	HRPT2	79577	NP_078805	NM_024529	4D	218578_at
anaphase promoting complex subunit 1	ANAPCI	64682	NP_073153	NM_022662	4D	218575 at
chromosome 14 open reading frame 123	C14orf123	29082	NP 054888	NM_014169	4D	218571 s_at
hypothetical protein FLJ10747	FLJ10747	55219	NP_060672	NM_018202	4D	218562 s_at
chromosome 6 open reading frame 149	C6orf149	57128	NP_065141	NM_020408	4D	218561 s_at
v-maf musculoaponeurotic fibrosarcoma oncogene homolog B (avian)	MAFB	9935	NP_005452	NM_003461	ŧ	210339_S_81
anaphase promoting complex subunit 2	ANAPC2	29882	NP_037498	NM_013366	ŧ	218555_at
enoyl Coenzyme A hydratase domain containing 2	ECHDC2	55268	NP_060751	NM_018281	45	218552 at
MRS2like, magnesium homeostasis factor (S. cerevis	MRS2L	57380	NP_065713	NM_020662	4D	218538_s_at
hypothetical protein FLJ21749	FLJ21749	80194	NP_079400	NM_025124	4D	218531_at
aprataxin	APTX	54840	NP_060162	NM_017692	4D	218527_at
				NM 014185	4D	218526_s_at

218650 at

218654 s at 218661 at 218669 at 218671 s at 218674 at

66666

NM 022775 NM 016071 NM 024845 NM 021183 NM 016311 NM 024941

NP_057395 NP_079217

51650 79903 57826 93974 80006

RAP2C ATPIF1 FLJ13611

ATPase inhibitory factor

NP 057155 NP 079121 NP 067006

MRPS33

mitochondrial ribosomal protein S33 hypothetical protein FLJ14154 RAP2C, member of RAS oncogene family

hypothetical must in IT 114024	FLJ14054	79614	NP_078839	NM_024563	4D	219054_at
vacuolar protein sorting 37C (yeast)	VPS37C	55048	NP_060436	NM_017966	4D	219053 s_at
coronin 7	CORO7	79585	NP_078811	NM_024535	4	219040 at
CG1115 protein	CGI115	51018	NP_057136	NM_016052	40	219037_at
poly (ADPribose) polymerase family, member 16	PARP16	54956	NP_060321	NM_017851	40	219034_at
poly (ADPribose) polymerase family, member 8	PARP8	79668	NP_078891	NM_024615	40	219033_at
opsin 3 (encephalopsin, panopsin)	OPN3	23596	NP_055137	NM_014322	4b	219032 x at
CG1121 protein	CG1121	51002	NP_057142	NM_016058	4D	219030_at
myosin IXA	MYO9A	4649	NP_008832	NM_006901	4D	219027 s at
pleckstrin homology domain containing, family A	PLEKHAI	59338	NP_067635	NM_021622	ŧ	219024_at
nucleoporin 43kDa	NUP43	348995	NP_078923	NM_024647	4D	219007_at
chromosome 6 open reading frame 66	C6orf66	29078	NP_054884	NM_014165	4D	219006 at
hypothetical protein FLJ11000	FLJ11000	55281	NP_060765	NM_018295	4D	218999 at
RNA methyltransferase like 1	RNMTL1	55178	NP_060616	NM_018146	4D	218993_at
hypothetical protein FLJ20035	FLJ20035	55601	NP_060101	NM_017631	4D	218986 s at
hypothetical protein FLJ20485	FLJ20485	54517	NP_061915	NM_019042	4D	218984_at
mitochondrial ribosomal protein S17	MRPS17	51373	NP_057053	NM_015969	Đ	218982 s_at
ACN9 homolog (S. cerevisiae)	ACN9	57001	NP_064571	NM_020186	4D	218981 at
6				NM_018586	4D	218978 s at
zinc finger protein 64 homolog (mouse)	ZFP64	55734	NP_060667	NM_018197	4D	218968 s_at
hypothetical protein MGC3265	MGC3265	78991	NP_076933	NM_024028	4D	218953_s_at
glutaminyltRNA synthase (glutaminehydrolyzing)like	QRSL1	55278	NP_060762	NM_018292	#	218949 s_at
phosphatidylinositol4phosphate 5kinase, type II,	PIP5K2C	79837	NP_079055	NM_024779	5	218942_at
leucine zipperEFhand containing transmembrane prot	LETMI	3954	NP_036450	NM_012318	8	218959_at
myoneurin	MYNN	55892	NP_061127	NM_018657	40	218926 at
chitobiase, diNacetyl	CTBS	1486	NP_004379	NM_004388	40	218924 s_at
hypothetical protein FLJ14007	FLJ14007	79752	NP_078975	NM_024699	4D	218919 at
hypothetical protein FLJ10375	FLJ10375	55129	NP_060545	NM_018075	4D	218910 at
hypothetical protein FLJ20530	FLJ20530	55656	NP_060334	NM_017864	\$	218905 at
mitochondrial ribosomal protein L35	MRPL35	51318	NP_057706	NM 016622	Đ	218890 x at
MLF1 interacting protein	MLFIIP	79682	NP_078905	NM_024629	4D	218883_s at
WD repeat domain 3	WDR3	10885	NP 006//5	NW 000/64	10	= 1000 at

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4	

219056_at	4D	NM_024570	NP 078846	79621	FLJ11712	hypothetical protein FLJ11712
219066_at	4D	NM 021823	NP_068595	60490	MDS018	hypothetical protein MDS018
219067_s_at	4D	NM_017615	NP_060085	54780	C10orf86	chromosome 10 open reading frame 86
219069_at	4D	NM_017704	NP 060174	54851	FGIF	fetal globininducing factor
219079_at	4D	NM_016230	NP_057314	51167	NCB5OR	NADPH cytochrome B5 oxidoreductase
219093_at	4D	NM_017933	NP_060403	55022	FLJ20701	hypothetical protein FLJ20701
219096_at	4D	NM_024585	NP_078861	79637	ARMC7	armadillo repeat containing 7
219099_at	4D	NM_020375	NP_065108	57103	C12orf5	chromosome 12 open reading frame 5
219104_at	4D	NM_016422	NP_057506	50862	RNF141	ring finger protein [4]
219108_x_at	4D	NM_017895	NP_060365	55661	DDX27	DEAD (AspGluAlaAsp) hox polymentide 27
219111 s_at	4D	NM_024072	NP_076977	79039	DDX54	DEAD (AspGluAlaAsp) box polypeptide 54
219119_at	\$	NM_016200	NP_057284	51691	LSM8	LSM8 homolog, U6 small nuclear RNA associated
219121_s_at	4D	NM_017697	NP_060167	54845	FLJ20171	hypothetical protein FLJ20171
219123_at	4D	NM_014519	NP_055334	7775	ZNF232	zinc finger protein 232
219127_at	4b	NM_024320	NP_077296	79170	MGC11242	hypothetical protein MGC11242
219128_at	4D	NM_017880	NP_060350	54980	FLJ20558	hypothetical protein FLJ20558
219130_at	4D	NM_019083	NP_061956	54482	FLJ10287	hypothetical protein FLJ10287
219133_at	4	NM_017897	NP_060367	54995	FLJ20604	hypothetical protein FLJ20604
219146_at	4D	NM_024683	NP_078959	79736	FLJ22729	hypothetical protein FLJ22729
219149 x at	40	NM_016216	NP_057300	51163	DBR1	debranching enzyme homolog 1 (S. cerevisiae)
219151 s at	4D	NM_007081	NP_009012	11158	RABL2B	RAB, member of RAS oncogene familylike 2B
219152 at	40	NM_015720	NP_056535	50512	PODXL2	podocalyxinlike 2
219156_at	4D	NM_018373	NP_060843	55333	SYNJ2BP	synaptojanin 2 binding protein
219157_at	4D	NM_007246	NP_009177	11275	KLHL2	kelchlike 2, Mayven (Drosophila)
219162 s at	4D	NM_016050	NP_057134	65003	MRPL11	mitochondrial ribosomal protein L11
219171_s_at	4D	NM_007345	NP_031371	7776	ZNF236	zinc finger protein 236
219172_at	4D	NM 024954	NP 079230	80019	UBTD1	ubiquitin domain containing 1
219176 at	4D	NM_024520	NP_078796	79568	FLJ22555	hypothetical protein FLJ22555
219183_s_at	4D	NM_013385	NP_037517	27128	PSCD4	pleckstrin homology, Sec7 and coiledcoil domains
219190_s_at	4D	NM_017629	NP_060099	192670	EIF2C4	eukaryotic translation initiation factor 2C, 4
219192_at	4D	NM_018449	NP_060919	55833	UBAP2	ubiquitin associated protein 2
219209 at	4D	NM_022168	NP_071451	64135	IFIH1	interferon induced with helicase C domain 1
219210_s_at	£	NM 016530	VID 057614			

219436 s at 219410_at 219373_at 219367 s at 219356_s_at 219318_x_at 219330 at 219312 s at 219305 x at 219292_at 219279_at 219269 at 219248 at 219244 s_at 219242 at 19434_at 19419 at 19398 at 219397 at 219378 at 19377 at 19363_s_at 219345_at 19336 s at 19329 s at 219276 x at 219266 at 219243_at 219228 at 19234_x_at 19220 x at 19233 s at 4 4 8 8 8 40 4 4 40 40 40 40 4D 40 4 40 40 4D 40 4 Đ 40 4 40 40 NM 018004 NM 022094 NM 025147 NM_024561 NM 016242 NM 018643 NM 024805 NM_022751 NM 018973 NM 015942 NM_016074 NM 016060 NM_018534 NM 016410 NM_015947 NM_024062 NM_016085 NM_023929 NM_012168 NM_018105 NM_017718 NM_024828 NM_024567 NM_021632 NM_025264 NM_024583 NM_018530 NM_022163 NM 018326 NM 025180 NM_018555 NM_020191 NP_061113 NP_061846 NP 061004 NP_057026 NP_057494 NP_057158 NP_057326 NP_079081 NP_060474 NP_071377 NP_079423 NP 078837 NP_073588 NP 057031 NP_057169 NP 076418 NP 071446 NP 060796 NP 079456 NP_078859 NP_061025 NP_057144 NP_036300 NP_060575 NP_079104 NP_078843 NP_067645 NP 079540 NP_061000 NP_064576 54210 79863 63924 80219 51008 51003 65986 55076 79612 64762 54344 8828 51001 51510 51027 51374 26232 55145 79886 59348 79618 80745 26589 55303 80254 55876 55422 56945 79634 CIDEC NARGIL C18orf22 TMEM45A FLJ13448 C18orf11 DPM3 NRP2 ZBTB10 ZNF350 TREMI CGI12 SNF7DC2 ASCCI MED31 FBXO2 THAPI C9orf82 THUMPD2 MRPL46 C2orf28 FLJ21616 GIMAP4 Cep63 SCRN3 GSDML ZNF331 MRPS22 transmembrane protein 45A hypothetical protein FLJ13448 triggering receptor expressed on myeloid cells 1 chromosome 18 open reading frame 22 cell deathinducing DFFAlike effector c NMDA receptor regulated Hike chromosome 18 open reading frame 11 CG112 protein SNF7 domain containing 2 CGI143 protein Fbox protein 2 chromosome 9 open reading frame 82 polypeptide dolichylphosphate mannosyltransferase neuropilin 2 activating signal cointegrator 1 complex subunit chromosome 2 open reading frame 28 mediator of RNA polymerase II transcription. zinc finger and BTB domain containing 10 prote THAP domain containing, apoptosis associated hypothetical protein FLJ21616 zinc tinger protein 350 zinc finger protein 331 mitochondrial ribosomal protein S22 andun THUMP domain containing 2 mitochondrial ribosomal protein L46 GTPase, IMAP family member 4 centrosome protein Cep63 secernin 3 gasderminlike

	KLF3	51274	NP_057615	NM_016531	4D	219657 s at
protocadherin 12	PCDH12	51294	NP_057664	NM_016580	40	219656_at
				NM 014054	4D	219653_at
developmental pluripotency associated 4	DPPA4	55211	NP_060659	NM_018189	4D	219651_at
popeye domain containing 2	POPDC2	64091	NP_071418	NM_022135	4b	219647_at
NYREN58 antigen	NYREN58	51134	NP 057206	NM_016122	40	219644_at
deetiolated homolog 1 (Arabidopsis)	DETI	55070	NP_060466	NM_017996	Đ	219641 at
				NM_024937	Đ	219631 at
sirtuin (silent mating type information regulation	SIRT6	51548	NP_057623	NM_016539	÷	219613_s_at
hypothetical protein DKFZp434L0117	DKFZP434L011	64793	NP_073615	NM_022778	45	219611_s_at
membranespanning 4domains, subfamily A, member 4	MS4A4A	51338	NP_076926	NM_024021	40	219607_s_at
RWD domain containing 1	RWDDI	51389	NP_057188	NM_016104	40	219598 s_at
ninjurin 2	NINJ2	4815	NP_057617	NM_016533	4D	219594_at
CG130 protein	CG130	51611	NP_057042	NM_015958	4D	219590_x_at
likely homolog of yeast SEN2	SEN2L	80746	NP_079541	NM_025265	40	219581_at
reticulon 3	RTN3	10313	NP_006045	NM_006054	40	219549 s_at
FLJ22624 protein	FLJ22624	79866	NP_079084	NM_024808	4D	219544_at
zinc finger protein 267	ZNF267	10308	NP_003405	NM_003414	Đ	219540_at
chromosome 14 open reading frame 169	C14orf169	79697	NP_078920	NM_024644	4D	219526_at
transient receptor potential cation channel, subfa	TRPV4	59341	NP_067638	NM_021625	4D	219516_at
hypothetical protein FLJ13150	FLJ13150	79871	NP_079089	NM_024813	4D	219504_s_at
transmembrane protein 40	TMEM40	55287	NP_060776	NM_018306	4D	219503 s_at
Bcell CLL/lymphoma 11A (zinc finger protein)	BCLIIA	53335	NP_060484	NM_018014	4D	219498_s_at
cysteinerich hydrophobic domain 2	CHIC2	26511	NP_036242	NM_012110	4D	219492_at
hypothetical protein FLJ23560	FLJ23560	79738	NP_078961	NM_024685	4D	219487_at
chromosome 21 open reading frame 18	C21orf18	54093	NP_059134	NM_017438	4D	219482_at
				NM_024115	4D	219476_at
ganglioside induced differentiation associated pro	GDAP2	54834	NP_060156	NM_017686	4D	219473_at
hypothetical protein FLJ20125	FLJ20125	54826	NP_060146	NM_017676	4D	219467_at
polymerase (RNA) III (DNA directed) polypeptide B	POLR3B	55703	NP_060552	NM_018082	\$	219459_at
				NM_016064	4D	219451 at
hypothetical protein MGC3020	MGC3020	79014	NP_076953	NM_024048	40	219442_at

219681_s_at	4D	NM_025151	NP_079427	80223	RABHFIPI	RAB11 family interacting protein 1 (class I)
219690_at	4D	NM_024660	NP_078936	79713	FLJ22573	hypothetical protein FLJ22573
219700 at	4D	NM 020405	NP_065138	57125	PLXDC1	plexin domain containing 1
219717_at	4D	NM_017741	NP_060211	54876	FLJ20280	hypothetical protein FLJ20280
219724 s at	4D	NM_014796				
219734_at	4D	NM_017699	NP_060169	54847	SIDT1	SID1 transmembrane family, member 1
219737 s_at	4D	NM_020403	NP_065136	5101	PCDH9	protocadherin 9
219741_x_at	4D	NM_024762	NP_079038	79818	ZNF552	zinc finger protein 552
219751_at	4D	NM_024860	NP_079136	79918	FLJ21148	hypothetical protein FLJ21148
219762_s_at	4D	NM_015414	NP_056229	25873	RPL36	ribosomal protein L36
219765_at	4D	NM_024620	NP_078896	79673	FLJ12586	hypothetical protein FLJ12586
219766_at	4D	NM_030578	NP_085055	80776	MGC4093	hypothetical protein MGC4093
219767_s_at	4D	111500 MN	NP_005102	9946	CRYZLI	crystallin, zeta (quinone reductase)like
219768_at	4D	NM_024626	NP_078902	79679	B7H4	immune costimulatory protein B7H4
219770_at	4D	NM_024659	NP_078935	79712	GTDC1	glycosyltransferaselike domain containing 1
219774_at	4D	NM_019044	NP_061917	54520	FLJ10996	hypothetical protein FLJ10996
219787 s_at	4D	NM_018098	NP_060568	1894	ECT2	epithelial cell transforming sequence 2 oncogene
219788 at	4D	NM_013439	NP_038467	29992	PILRA	paired immunoglobinlike type 2 receptor alpha
219806 s at	4D	NM_020179	NP_064564	56935	FN5	FN5 protein
219810_at	45	NM_025054	NP_079330	80124	VCIP135	valosincontaining protein (p97)/p47 complexinterac
219817_at	4D	NM_016534	NP_057618	51275	FLJ39616	apoptosisrelated protein PNAS1
219818_s_at	4D	NM_018025	NP_060495	55094	GPATC1	G patch domain containing 1
219819_s_at	4D	NM_014018	NP_054737	28957	MRPS28	mitochondrial ribosomal protein S28
219822_at	4D	NM_004294	NP_004285	9617	MTRF1	mitochondrial translational release factor
219846_at	4D	NM_025174				
219849 at	4D	NM_024833	NP 079109	79891	FLJ23506	hypothetical protein FLJ23506
219854 at	4D	NM_021030	NP_066358	7561	ZNF14	zinc finger protein 14 (KOX 6)
219859_at	4D	NM_014358	NP_055173	26253	CLEC4E	Ctype lectin domain family 4, member E
219862 s at	4D	NM_012336	NP_036468	26502	NARF	nuclear prelamin A recognition factor
219870_at	Đ	NM_024997	NP_079273	80063	ATF7IP2	activating transcription factor 7 interacting prot
219877_at	÷	NM_024645	NP_078921	79698	FLJ13842	hypothetical protein FLJ13842
219879 s at	4D	NM_024032	NP_076937	78995	MGC3130	hypothetical protein MGC3130
219890_at	4D	NM_013252	NP_037384	23601		Otrono footin domesia Comilla Company
219901 at	3	NIM 010251			CLEC5A	Ctype recuit domain tamity 5, member A

	SNX11	29916	NP 037455	NM 013323	4D	220140 s at
heart and neural crest derivatives expressed 1	HANDI	9421	NP_004812	NM_004821	ŧ	220138 at
solute carrier family 35, member F5	SLC35F5	80255	NP_079457	NM_025181	4D	220123_at
stabilin 2	STAB2	55576	NP_060034	NM 017564	4D	220114_s_at
chromosome 9 open reading frame 39	C9orf39	54875	NP_060208	NM_017738	₽ ₽	220095_at
solute carrier family 2 (facilitated glucose trans	SLC2A6	11182	NP_060055	NM_017585	4D	220091 at
complement component 5 receptor 1 (C5a ligand)	C5R1	728	NP_001727	NM_001736	4D	220088 at
				NM_018391	4D	220079 s_at
				NM_018391	4D	220078 at
preB lymphocyte gene 3	VPREB3	29802	NP_037510	NM_013378	4D	220068_at
melanoma antigen family C, 2	MAGEC2	51438	NP_057333	NM_016249	4D	220062 s at
BCR downstream signaling 1	BRDG1	26228	NP_036240	NM_012108	4D	220059_at
interleukin 23, alpha subunit p19	IL23A	51561	NP_057668	NM_016584	4D	220054_at
TERF1 (TRF1)interacting nuclear factor 2	TINF2	26277	NP_036593	NM_012461	4D	220052 s at
sirtuin (silent mating type information regulation	SIRT4	23409	NP_036372	NM_012240	4D	220047_at
serum/glucocorticoid regulated kinaselike	SGKL	23678	NP_037389	NM_013257	4D	220038_at
lipocalininteracting membrane receptor	LIMR	55716	NP_060583	NM_018113	4D	220036_s_at
nucleoporin 210kDa	NUP210	23225	NP_079199	NM_024923	4D	220035_at
Ras interacting protein 1	RASIPI	54922	NP_060275	NM_017805	4D	220027 s_at
EROHike beta (S. cerevisiae)	ERO1LB	56605	NP_063944	NM_019891	4D	220012_at
peptidyl arginine deiminase, type IV	PADI4	23569	NP_036519	NM_012387	4D	220001_at
sialic acid binding Iglike lectin 5	SIGLECS	8778	NP_003821	NM_003830	4D	220000 at
				NM_018621	4D	219999_at
HSPC159 protein	HSPC159	29094	NP_054900	NM_014181	4D	219998_at
COP9 constitutive photomorphogenic homolog subunit	COPS7B	64708	NP_073567	NM_022730	4D	219997_s_at
interleukin 21 receptor	IL21R	50615	NP_068570	NM_021798	4D	219971_at
angiotensin I converting enzyme (peptidyldipeptida	ACE2	59272	NP_068576	NM_021804	4D	219962_at
UDPNacetylalphaDgalactosamine:polypeptide Nacetylg	GALNT6	11226	NP_009141	NM_007210	4D	219956_at
chromosome 11 open reading frame 17	Cl1orf17	56672	NP_065693	NM 020642	4D	219953 s at
Ctype lectin domain family 4, member A	CLEC4A	50856	NP 057268	NM_016184	4D	219947_at
glutaredoxin 2	GLRX2	51022	NP_057150	NM_016066	4D	219933_at
page and a second page of the	LIBES	TODE	141 0000740	101010		

220391 at 220435_at 220426 at 220418 at 220212 s_at 220149 at 220148 at 220419 s at 220404_at 220397_at 220376 at 220367_s_at 220355_s_at 220345_at 220341 s at 220330_s_at 220329_s_at 220327 at 220316_at 220261 s at 220240 s at 220213 at 220206 at 220195 at 220176 at 220156_at 20283 at 20241_at 20235_s_at 20175 s at 20282_at 20242_x_at 40 40 40 40 40 4D 4 4 40 40 40 40 40 4 4 4 ŧ 4 40 4 40 4D 40 4 4 NM_018961 NM_020128 NM 024784 NM 018165 NM_024993 NM_022136 NM_017909 NM_016206 NM_018713 NM_024059 NM 013396 NM_014076 NM 022901 NM 024545 NM 016175 NM_022123 NM_024746 NM_024557 NM_018106 NM 018260 NM_017905 NM 017905 NM_018372 NM 018328 NM 024593 NM_022568 NM_018692 NM_022065 NM 024772 NM_025152 NM_020667 NM_024861 NP_060842 NP_060375 NP_060375 NP_072090 NP_079137 NP_076964 NP_061183 NP_037528 NP_060635 NP 079269 NP_060379 NP_071406 NP_079022 NP_078833 NP_060576 NP_060730 NP 079048 NP_060798 NP 079428 NP_078869 NP_061834 NP_064513 NP_079060 NP_075052 NP_078821 NP_057259 NP_071419 NP 057290 NP_071348 64922 55532 79025 29761 53347 56890 79842 79595 55193 80059 51149 55005 64067 55146 55762 64092 389136 79802 79608 55002 55002 55791 63892 79830 55777 80224 79645 79919 64577 ZBTB3 РВ JUSP25 SAMSNI FLJ13840 RIC3 FLJ1089 MBD5 FLJ22671 SLC30A10 MGC5356 MUM SAP130 LRRTM4 LOC51149 FLJ38507 NPAS3 ZDHHC4 RIFI ALDH8A1 UBASH3A LRRC19 C13orf11 C13orf11 IHADA ZMYMI NUBPL FLJ11767 hypothetical protein MGC5356 mSin3Aassociated protein 130 truncated calcium binding protein SAM domain, SH3 domain and nuclear chromosome 6 open reading frame 96 colon carcinoma related protein neuronal PAS domain protein 3 hypothetical protein FLJ13840 RIC3 protein solute carrier family 30 (zinc transporter), membe ubiquitin specific protease 25 ubiquitin associated and SH3 domain containing Mdm4, transformed 3T3 cell double minute 1, p53 zinc finger and BTB domain containing 3 polybromo leucine rich repeat transmembrane neuronal 4 localisation si zinc finger, DHHC domain containing 4 hypothetical protein FLJ10891 chromosome 13 open reading frame 11 chromosome 13 open reading frame 11 thyroid adenoma associated hypothetical protein FLJ22671 leucine rich repeat containing 19 receptorinteracting factor I zinc finger, MYM domain containing I methylCpG binding domain protein 5 nucleotide binding proteinlike hypothetical protein FLJ11767 aldehyde dehydrogenase 8 family, member A1

NYI-4308224vI

220491_at 220597 s at 220590_at 220617 s_at 220615 s at 220610 s at 220583 at 220570 at 220566 at 220446_s_at 220650_s_at 20622 220621_at 220620 at 220582_at 220558 x at 220547_s_at 220539_at 220537_at 220533_at 220526 s at 220512_at 220508_at 220490 at 220486_x_at 220482 s at 20481_at 220471 s at 220467 at 220460_at 220447 220443 s at 20476_s_at at at 40 4D 40 40 40 40 # 4D 4D 4 4 40 4D 40 40 40 4D 40 40 40 8 40 4 40 NM_017677 NM_024853 NM_017971 NM 024767 NM_004594 NM_024727 NM_012186 NM_019060 NM 018181 NM_018099 NM_006309 NM_018694 NM_018462 NM_025086 NM 02507 NM 020415 NM 014308 NM 005705 NM_019054 NM_017609 NM_014406 NM_021175 NM_018565 NM_017698 NM 012139 NM 019099 NM_005769 NM_012476 NM_006794 NM_025107 NM_025032 NM 017435 NM_007232 NP 004585 NP_079003 NP_036318 NP_061933 NP_060651 NP_060569 NP_006300 NP_061164 NP_060933 N.P. NP 060079 NP 060441 NP_079043 NP_055221 Z NP_036271 NP 006785 NP_061972 NP_079383 NP 059131 NP_009163 NP_005760 NP_036608 NP_055123 NP_005696 NP_061927 NP_060147 065148 066998 56729 23533 54537 54777 6553 79782 54544 5571 9209 51329 55846 55613 53919 2301 55205 10077 55052 10395 150160 57817 26297 10936 55924 80177 11255 10164 25806 PHEMX LRRC31 ZNF532 RETN MTMR8 VAX2 FOXE3 Clorf42 MLSTDI MDS028 PIK3R5 FAM35A C10orf92 MRPL20 DLCI CESK HAMP GPR75 SLC9A5 LRRF1P2 ARL61P4 DELGER LOC55924 MYCTI SLCOIC HRH3 CHST4 male sterility domain containing I ADPribosylationlike factor 6 interacting protein 4 phosphoinositide3kinase, regulatory subunit 5, p10 panhematopoietic expression family with sequence similarity chromosome 10 open reading frame 92 mitochondrial ribosomal protein L20 deleted in liver cancer 1 Tcomplex protein hepcidin antimicrobial peptide solute carrier family 9 (sodium/hydrogen leucine rich repeat containing 3 forkhead box E3 chromosome 1 open reading frame 42 zinc finger protein 532 leucine rich repeat (in FLII) interacting protein uncharacterized hematopoietic stem/progenitor myotubularin related protein 8 hypothetical protein LOC55924 solute carrier organic anion transporter family, m ventral anterior homeobox 2 deatness locus associated putative guanine nucleor G proteincoupled receptor 75 myc target 1 histamine receptor H3 sulfotransfer carbohydrate (Nacetylglucosamine 60) 35, member A

						exchanger
220673 s at	4b	NM_020958	NP_066009	57718	KIAA1622	KIAA1622
220702_at	4D	NM_018616				
220704_at	4D	NM_018563				
220715_at	4D	NM_024992				
220741_s_at	4D	NM_006903	NP_008834	27068	PPA2	inorganic pyrophosphatase 2
220744 s at	4D	NM_018262	NP_060732	55764	WDR10	WD repeat domain 10
220748_s_at	4D	NM_016202	NP_057286	51157	ZNF580	zinc finger protein 580
220755_s_at	4D	NM_016947	NP_058643	50854	C6orf48	chromosome 6 open reading frame 48
220774_at	4D	NM_017653	NP_060123	54808	DYM	dymeclin
220776_at	4D	NM_013348	NP_037480	3770	KCNJ14	potassium inwardlyrectifying channel, subfamily J.
220784 s at	4D	NM_021995	NP_068835	10911	UTS2	urotensin 2
220785_at	4D	NM_021995	NP_068835	10911	UTS2	urotensin 2
220794_at	4D	NM_022469	NP_071914	64388	GREM2	gremlin 2 homolog, cysteine knot superfamily (Xeno
220819_at	4D	NM_024919	NP_079195	79981	FRMDI	FERM domain containing 1
220854 at	4D	NM_014123				***************************************
220874_at	4D	NM_018575				
220883_at	4D	NM_018614				
220890 s at	4D	NM_016355	NP_057439	51202	DDX47	DEAD (AspGluAlaAsp) box polypeptide 47
220894 x at	4D	NM_021619	NP_067632	59335	PRDM12	PR domain containing 12
220901_at	4D	NM_024980	NP_079256	80045	GPR157	G proteincoupled receptor 157
220927_s_at	4D	NM_021828	NP_068600	60495	HPSE2	heparanase 2
220934_s_at	4D	NM_024084				
220940_at	4D	NM_025190				
220945_x_at	4D	NM_018050	NP_060520	54682	MANSCI	MANSC domain containing 1
220960_x_at	4D	NM_000983	NP_000974	6146	RPL22	ribosomal protein L22
220969 s at	4D	NM_030892				
220971 at	4D	NM_022789	NP_073626	64806	IL17E	interleukin 17E
220976 s at	4D	NM_030967	NP_112229	81851	KRTAPII	keratin associated protein 11
220977 x at	4D	NM_020909	NP_065960	57669	EPB41L5	erythrocyte membrane protein band 4.1 like 5
220983 s at	4b	NM_030964	NP_112226	81848	SPRY4	sprouty homolog 4 (Drosophila)
220985 s at	40	NM_030954	NP_112216	81790	RNF170	ring finger protein 170
220986 s at	4D	NM_030953	NP_112215	81789	TIGD6	tioger transposable element derived 6

evelin 1.2	CCNLO	81669	NP 112199	NM 030937	4D	221427 s at
calcium channel, voltagedependent, gamma subunit 5	CACNG5	27091	NP_055219	NM_014404	4D	221401_at
ectodysplasin A2 receptor	EDA2R	60401	NP_068555	NM_021783	4	221399 at
				NM_020527	4D	221379 at
recombining binding protein suppressor of hairless	RBPSUHL	11317	NP_055091	NM_014276	4D	221377 s at
motilin receptor	MLNR	2862	NP_001498	NM_001507	40	221365 at
hypothetical protein dJ122O8.2	DJ122O8.2	57226	NP_065199	NM_020466	4D	221311 x at
fibroblast growth factor receptor substrate 2	FRS2	10818	NP_006645	NM 006654	45	221308_at
G proteincoupled receptor 22	GPR22	2845	NP_005286	NM_005295	45	221288 at
pseudouridylate synthase 3	PUS3	83480	NP_112597	NM_031307	4D	221277 s at
				NM_030825	4D	221235_s_at
hypothetical protein FLJ20628	FLJ20628	55006	NP_060380	NM_017910	4D	221229_s_at
hypothetical protein FLJ23342	FLJ23342	79684	NP_078907	NM_024631	4D	221208_s_at
YEATS domain containing 2	YEATS2	55689	NP_060493	NM_018023	4D	221203_s_at
chromosome 18 open reading frame 8	C18orf8	29919	NP_037458	NM_013326	4D	221190 s at
				NM_025050	4D	221179_at
				NM_025043	4D	221177_at
histamine receptor H4	HRH4	59340	NP_067637	NM_021624	4D	221169_s_at
carbohydrate (Nacetylglucosamine 6O) sulfotransfer	CHSTS	23563	NP_036258	NM_012126	4D	221164_x_at
achaetescute complex (Drosophila) homologlike 3	ASCL3	56676	NP_065697	NM_020646	4D	221161_at
cell cycle progression I	CCPG1	9236	NP_004739	NM_004748	4D	221156_x_at
HT001 protein	HT001	28990	NP_054784	NM_014065	4D	221135 s at
angiopoietin 4	ANGPT4	51378	NP_057069	NM_015985	4D	221134 at
hypothetical protein FLJ10826	FLJ10826	55239	NP_060703	NM_018233	4D	221090 s_at
family with sequence similarity 31, member C	FAM31C	79958	NP_079174	NM_024898	4D	221080_s_at
armadillo repeat containing 4	ARMC4	55130	NP_060546	NM_018076	4D	221077_at
spennatogenesis associated 1	SPATAI	64173	NP_071749	NM_022354	40	221057_at
anterior pharynx defective 1 homolog B (C elegans	APHIB	83464	NP_112391	NM_031301	ŧ	221050 S at
transmembrane protease, serine 5 (spinesin)	TMPRSS5	80975	NP_110397	NM_030770	ŧ	221032 s at
RAB33B, member RAS oncogene family	RAB33B	83452		NM_031296	40	221014 s at
chromosome 1 open reading frame 14	Clorf14	81626		NM_030933	4D	220996 s_at
ukery ormotog of rat vacuote membrane protein i	VMPI	1/018	NP_112200	100000 ININI	ŧ	220990 S at

abhydrolase domain containing 6	АВНД	5/406	NP 003/2/	NIN 070070	10	221017 5 at
en outing prown, to	ADLINA	57406	ND 065777	07676	40	71679 s at
coronin, actin binding protein. 10	COROIC	23603	NP 055140	NM 014325	4D	221676 s at
LIM homeobox 3	LHX3	8022	NP 055379	NM_014564	4D	221670 s_at
likely ortholog of mouse synembryn	RIC8	60626	NP 068751	NM_021932	4D	221647 s at
arginineglutamic acid dipeptide (RE) repeats	RERE	473	NP_036234	NM_012102	4D	221643 s at
syntaxin 16	STX16	8675	NP 001001433	NM_001001433	4D	221638_s_at
uncharacterized hypothalamus protein HT007	HT007	55863	NP_060950	NM_018480	40	221622 s at
signaltransducing adaptor protein2	STAP2	55620	NP_060190	NM_017720	4D	221610_s_at
HSPC171 protein	HSPC171	29100	NP_054906	NM_014187	4Đ	221597 s at
histone 3, H2a	HIST3H2A	92815	NP 254280	NM_033445	4D	221582_at
sterol Oacyltransferase (acylCoenzyme A: cholester	SOATI	6646	NP_003092	NM_003101	å	221561_at
lymphoid enhancerbinding factor I	LEF1	51176	NP_057353	NM_016269	4	221558 s at
cysteinerich secretory protein LCCL domain contain	CRISPLD2	83716	NP_113664	NM_031476	4	221541_at
general transcription factor IIH, polypeptide 2, 4	GTF2H2	2966	NP_001506	NM_001515	4b	221540 x at
hypothetical protein FLJ11301	FLJ11301	55341	NP_060855	NM_018385	4D	221536 s_at
ankyrin repeat domain 27 (VPS9 domain)	ANKRD27	84079	NP_115515	NM_032139	Ð	221522 at
cell division cycle associated 8	CDCA8	55143	NP_060571	NM_018101	Đ	221520 s at
cofactor required for Sp1 transcriptional activati	CRSP6	9440	NP_004259	NM_004268	4D	221517_s_at
hypothetical protein FLJ20232	FLJ20232	54471	NP_061881	NM_019008	4D	221516 s at
cell cycle progression 1	CCPG1	9236	NP_065790	NM_020739	4D	221511 x_at
karyopherin alpha 3 (importin alpha 4)	KPNA3	3839	NP_002258	NM_002267	4D	221503 s at
eukaryotic translation initiation factor 3, subuni	EIF3S12	27335	NP_037366	NM_013234	4D	221494_x_at
sprouty homolog 4 (Drosophila)	SPRY4	81848	NP_112226	NM_030964	4D	221489_s_at
UDPGal:betaGlcNAc beta 1,4 galactosyltransferase,	B4GALT5	9334	NP_004767	NM_004776	40	221485_at
UDPGal:betaGlcNAc beta 1,4 galactosyltransferase,	B4GALT5	9334	NP_004767	NM_004776	£	221484_at
BCL2/adenovirus E1B 19kDa interacting protein 3lik	BNIP3L	665	NP_004322	NM_004331	4	221478_at
glucose6phosphatase, catalytic, 2	G6PC2	57818	NP_066999	NM_021176	45	221453_at
olfactory receptor, family 2, subfamily W, member	OR2W1	26692	NP_112165	NM_030903	₽	221451_s_at
Tcell immunomodulatory protein	CDA08	81533	NP 110417	NM_030790	4D	221449 s at
amonome a repentation of the state of						

leucinerich repeats and calponin homology (CH)	LRCH4	4034	NP_002310	NM_002319	4D	222017_x_at
tcomplex 1	TCPI	6950	NP_110379	NM_030752	4D	222010_at
hypothetical protein FLJ10534	FLJ10534	55720	NP_060598	NM_018128	4D	221987 s at
centaurin, gammalike family, member I	CTGLF1	119016	NP_597703	NM_133446	40	221971_x_at
ubiquitinconjugating enzyme E2H (UBC8 homolog, yea	UBE2H	7328	NP_003335	NM_003344	6	221962_s_at
hypothetical protein LOC283232	LOC283232	283232	NP_777600	NM_174940	4D	221951_at
chromosome 14 open reading frame 87	C14orf87	51218	NP_057501	NM_016417	Đ	221932 s at
hypothetical protein DKFZp76112123	DKFZp76112123	83637	NP_777589	NM_174929	Đ	221924 at
hypothetical protein MGC1203	MGC1203	79140	NP_077272	NM_024296	4D	221912 s_at
likely ortholog of mouse hypoxia induced gene 1	HIGI	25994	NP_054775	NM_014056	4D	221896_s_at
ecotropic viral integration site I	EVII	2122	NP_005232	NM_005241	4D	221884_at
major histocompatibility complex, class I, F	HLAF	3134	NP_061823	NM_018950	4D	221875 x_at
TBC1 domain family, member 12	TBC1D12	23232	XP_051081	XM_051081	4D	221858 at
plakophilin I (ectodermal dysplasia/skin fragility	PKPI	5317	NP_001005337	NM_001005337	4D	221854 at
centaurin, gammalike family, member I	CTGLF1	119016	NP_597703	NM_133446	4D	221850_x_at
RAP2A, member of RAS oncogene family	RAP2A	5911	NP_066361	NM_021033	4D	221830_at
hypothetical protein FLJ20436	FLJ20436	54934	NP_060292	NM_017822	4D	221821_s_at
KIAA1698 protein	KIAA1698	80789	NP_085131	NM_030628	4D	221818_at
PHD finger protein 11	PHFII	51131	NP_057203	NM_016119	4D	221816 s_at
RAB9A, member RAS oncogene family	RAB9A	9367	NP_004242	NM_004251	4D	221808_at
nuclear receptor binding factor 2	NRBF2	29982	NP_110386	NM_030759	4D	221803_s_at
ribosomal protein L22	RPL22	6146	NP_000974	NM_000983	4D	221775_x_at
jumonji domain containing 1C	JMJDIC	221037	NP_004232	NM_004241	4D	221763_at
YTH domain family, member 1	YTHDF1	54915	NP_060268	NM_017798	4D	221741_s_at
collagen, type V, alpha 2	COL5A2	1290	NP_000384	NM_000393	4D	221729_at
Ctype lectin domain family 4, member A	CLEC4A	50856	NP_057268	NM_016184	4D	221724 s at
solute carrier family 4, sodium bicarbonate cotran	SLC4A5	57835	NP_067019	NM_021196	4D	221723 s at
hypothetical protein FLJ10439	FLJ10439	54663	NP_060563	NM_018093	4D	221712 s at
hypothetical protein FLJ12750	FLJ12750	79720	NP_078943	NM_024667	4D	221704 s at
BBPlike protein 2	BLP2	80213	NP_510883	NM_078474	45	221702 s at
ubiquitin A52 residue ribosomal protein fusion pro	UBA52	7311	NP_003324	NM 003333	4D	221700 s at
mitochondrial ribosomal protein L34	MRPL34	64981	NP_076426	NM 023937	45	221692 s_at
Down syndrome critical region gene 5	DSCR5	51227	NP_710149	NM 153682	45	221689 s at

222028_at	8	NM_003425	NP 003416	7596	ZNF45	zinc finger protein 45
18 7.50277	3 5	NM 004943	NP 07/289	19139	MOCS/SI	nypomencal protein MGC5/31
200000	5 6	MIN 000001	NID 00007	215	EL COLO	mericusm 27 receptor, alpita
222088 s at	4D	NM 006931	NP 008862	6515	SLC2A3	solute carrier family 2 (facilitated glucose trans
222103_at	4D	NM_005171	NP_005162	466	ATFI	activating transcription factor 1
222108_at	4D	NM_181847	NP_862830	347902	AMIGO2	amphoterin induced gene 2
222130_s_at	4D	NM_013393	NP_037525	29960	FTSJ2	FtsJ homolog 2 (E. coli)
222134_at	4D	NM_004032	NP_004023	8528	DDO	Daspartate oxidase
222140_s_at	4D	NM_016334	NP_057418	51463	GPR89	G proteincoupled receptor 89
222156_x_at	4D	NM_020739	NP_065790	9236	CCPG1	cell cycle progression 1
222209_s_at	4D	NM_022918	NP_075069	65084	FLJ22104	hypothetical protein FLJ22104
222212_s_at	4D	NM_013384	NP_037516	29956	LASS2	LAG1 longevity assurance homolog 2 (S. cerevisiae)
222218_s_at	4D	NM_178273	NP_840057	29992	PILRA	paired immunoglobinlike type 2 receptor alpha
222248 s_at	4D	NM_012240	NP_036372	23409	SIRT4	sirtuin (silent mating type information regulation
222311 s_at	4D	NM_020706	NP_065757	57466	SFRS15	splicing factor, arginine/serinerich 15
222360_at	4D	NM_015958	NP_057042	51611	CG130	CGI30 protein
222394_at	4D	NM_013374	NP_037506	10015	PDCD6IP	programmed cell death 6 interacting protein
222396_at	4D	NM_016185	NP_057269	51155	HNI	hematological and neurological expressed 1
222401 s_at	4D	NM_014313	NP_055128	23585	SMPI	small membrane protein 1
222403_at	4D	NM_014342	NP_055157	23788	MTCH2	mitochondrial carrier homolog 2 (C. elegans)
222404_x_at	4D	NM_016395	NP_057479	51495	HSPC121	butyrateinduced transcript 1
222408 s at	4D	NM_016061	NP_057145	51646	YPEL5	yippeelike 5 (Drosophila)
222409_at	4D	NM_014325	NP_055140	23603	COROIC	coronin, actin binding protein, IC
222436 s_at	4D	NM_016079	NP_057163	51652	VPS24	vacuolar protein sorting 24 (yeast)
222438_at	Đ	NM_014166	NP_054885	29079	MED4	mediator of RNA polymerase II transcription, subun
222474_s_at	4D	NM_020243	NP_064628	56993	ТОММ22	translocase of outer mitochondrial membrane 22 hom
222480_at	4D	NM_017582	NP_060052	55585	UBE2Q	ubiquitinconjugating enzyme E2Q (putative)
222493 s at	4D	NM_021943	NP_068762	60685	TEX27	testis expressed sequence 27
222505_at	4D	NM_022458	NP_071903	64327	C7orf2	chromosome 7 open reading frame 2
222512 at	4D	NM_016118	NP_057202	51667	NYREN18	NEDD8 ultimate buster1
222516_at	4D	NM_207012	NP_996895	26985	AP3M1	adaptorrelated protein complex 3, mu 1 subunit
222524 s_at	4D	NM_017873	NP_060343	140459	ASB6	ankyrin repeat and SOCS boxcontaining 6

		86				NYI-4308224v1
nydroxydelta5steroid dehydrogenase, 3 beta and ste	напави	80270	NF_079469	NM_023193	ŧ	222017_at
manneordae, cridonipila	The state of the s	00000		NIM 025102	3	220017
mannosidase endoslaho	MANEA	79694		NM 024641	4D	222805 at
phosphotriesterase related	PTER	9317	NP 001001484	NM_001001484	4D	222798_at
PAP associated domain containing 1	PAPDI	55149	NP_060579	NM_018109	4D	222794_x_at
HSPC128 protein	HSPC128	29080	NP_054886	NM_014167	4D	222792 s at
signal peptidase complex subunit 3 homolog (S. cer	SPCS3	60559	NP_068747	NM_021928	\$	222753_s_at
sex comb on midleglike (Drosophila)	SCMLI			NM_006746	4D	222747 s at
chromosome 15 open reading frame 29	C15orf29	79768	NP_078989	NM_024713	4D	222745 s at
trimethyllysine hydroxylase, epsilon	TMLHE	55217	NP_060666	NM_018196	4D	222744 s at
hypothetical protein FLJ23375	FLJ23375	80021	NP_079232	NM_024956	4D	222739_at
hypothetical protein MGC5306	MGC5306	79101	NP_077021	NM_024116	4D	222728 s at
lactamase, beta 2	LACTB2	51110	NP_057111	NM_016027	4D	222714 s at
postsynaptic protein CRIPT	CRIPT	9419	NP_054890	NM_014171	4D	222702 x at
x 010 protein	MDS010	56983	NP_689518	NM_152305	4D	222681_at
RP42 homolog	RP42	54165	NP_065691	NM_020640	4D	222678_s_at
BAllassociated protein 2like 1	BAIAP2L1	55971	NP_061330	NM_018842	4D	222676_at
vmaf musculoaponeurotic fibrosarcoma oncogene homo	MAFB	9935	NP_005452	NM_005461	40	222670_s_at
hypothetical protein FLJ11011	FLJ11011	55284	NP_001001481	NM_001001481	45	222657_s_at
hypothetical protein FLJ11011	FLJ11011	55284	NP_001001481	NM_001001481	4D	222656_at
trichorhinophalangeal syndrome 1	TRPS1	7227	NP_054831	NM_014112	4D	222651 s at
exportin 4	XPO4	64328	NP_071904	NM_022459	4D	222649_at
hypothetical protein FLJ22662	FLJ22662	79887	NP_079105	NM_024829	4D	222639_s_at
mediator of RNA polymerase II transcription, subun	MED28	80306		NM_025205	4D	222636_at
phosphatidylinositol 4kinase typell beta	PI4K2B	55300	NP_060793	NM_018323	Đ	222631_at
nudE nuclear distribution gene E homolog 1 (A. nid	NDEI	54820	NP_060138	NM_017668	\$	222625_s_at
chromosome 10 open reading frame 84	C10orf84	63877	NP_071346	NM_022063	4D	222617 s at
exosome component 1	EXOSCI	51013	NP_057130	NM_016046	4D	222609 s at
xenotropic and polytropic retrovirus receptor	XPR1	9213	NP 004727	NM_004736	4D	222581_at
mitogenactivated protein kinase kinase kinase kina	MAP4K4	9448	NP_004825	NM_004834	4D	222547_at
zinc finger protein 395	ZNF395	55893	NP_061130	NM_018660	4D	222536 s at
chromosome 14 open reading frame 108	C14orf108	55745	NP_060699	NM_018229	4D	222531_s_at

HSPC182 protein	HSPC182	29101	NP_054907	NM_014188	4Đ	223053_x_at
solute carrier family 40 (ironregulated transporte	SLC40A1	30061	NP_055400	NM_014585	4D	223044_at
Nacetyltransferase 5 (ARD1 homolog, S. cerevisiae)	NAT5	51126	NP_852669	NM_181528	4D	223040_at
vacuolar protein sorting 29 (yeast)	VPS29	51699	NP 476528	NM 057180	4D	223026_s_at
likely ortholog of mouse nin one binding protein	NOBIP	28987	NP_054781	NM_014062	4D	223018_at
endoplasmic reticulum thioredoxin superfamily memb	TLP19	51060	NP_056997	NM_015913	4D	223017_at
OCIA domain containing 1	OCIADI	54940	NP_060300	NM_017830	4D	223011 s at
chromosome 9 open reading frame 5	C9orf5	23731	NP_114401	NM_032012	4D	223008 s_at
chromosome 9 open reading frame 5	C9orf5	23731	NP_114401	NM_032012	4D	223006_s_at
chromosome 3 open reading frame 1	C3orf1	51300	NP_057673	NM_016589	4D	223004 s at
mitochondrial ribosomal protein S21	MRPS21	54460	NP_061870	NM_018997	4D	222997 s at
NADH dehydrogenase (ubiquinone) 1 beta subcomplex,	NDUFB9	4715	NP_004996	NM_005005	4D	222992_s_at
ubiquilin I	UBQLNI	29979	NP_038466	NM_013438	4D	222990_at
ubiquilin I	UBQLN1	29979	NP_038466	NM_013438	4D	222989 s at
tyrosine 3monooxygenase/tryptophan 5monooxygenase	YWHAG	7532	NP_036611	NM_012479	4D	222985_at
poly(A) binding protein interacting protein 2	PAIP2	51247	NP_057564	NM_016480	4D	222984_at
poly(A) binding protein interacting protein 2	PAIP2	51247	NP_057564	NM_016480	4D	222983_s_at
UDPGal:betaGlcNAc beta 1,3galactosyltransferase, p	B3GALT1	8708	NP_066191	NM_020981	4D	222969_at
family with sequence similarity 45, member A	FAM45A	404636	NP_996892	NM_207009	4D	222955_s_at
nuclear RNA export factor 3	NXF3	56000	NP_071335	NM_022052	4D	222949_at
Ctype lectin domain family 4, member E	CLEC4E	26253	NP_055173	NM_014358	4D	222934_s_at
Bcell CLL/lymphoma 11B (zinc finger protein)	BCL11B	64919	NP_075049	NM_022898	4D	222895_s_at
hypothetical protein FLJ13150	FLJ13150	79871	NP_079089	NM_024813	4D	222893_s_at
Bcell CLL/lymphoma 11A (zinc finger protein)	BCLIIA	53335	NP_075044	NM_022893	4D	222891_s_at
DEAH (AspGluAlaHis) box polypeptide 33	DHX33	56919	NP_064547	NM_020162	4D	222875_at
mediator of RNA polymerase II transcription, subun	MED31	51003	NP_057144	NM_016060	4D	222867_s_at
dual adaptor of phosphotyrosine and 3phosphoinosit	DAPPI	27071	NP_055210	NM_014395	4D	222858_s_at
egl nine homolog 3 (C. elegans)	EGLN3	112399	NP_071356	NM_022073	4D	222847 s_at
transcription factor CP2like 2	TFCP2L2	29841	NP_937825	NM_198182	40	222830_at

KIAA1333	KIAA1333	55632	NP_060239	NM_017769	4D	223256_at
KIAA1333	K1AA1333	55632	NP_060239	NM_017769	45	223255_at
hypothetical protein MGC5309	MGC5309	84246	NP_115662	NM_032286	4D	223247 at
13kDa differentiationassociated protein	DAP13	55967	NP_061326	NM_018838	4D	223244 s_at
Fbox protein 8	FBXO8	26269	NP_036312	NM_012180	4D	223240_at
hypothetical protein DKFZp434K1421	DKFZP434K142	84081	NP_115517	NM_032141	ŧ	223236_at
cingulin	CGN	ľ	NP_065821	NM_020770	4D	223233_s_at
ARV1 homolog (yeast)	ARVI	64801	NP_073623	NM_022786	4D	223223_at
zinc fingers and homeoboxes 1	ZHX1	11244	NP_009153	NM_007222	4D	223214 s_at
zinc finger, DHHC domain containing 16	ZDHHC16	84287	NP 932163	NM_198046	4D	223212_at
SWI/SNFrelated, matrixassociated actindependent re	SMARCADI	56916	NP_064544	NM_020159	4D	223197_s_at
sestrin 2	SESN2	83667	NP_113647	NM_031459	4D	223195_s_at
chromosome 6 open reading frame 69	C6orf69	222658	NP_775833	NM_173562	4D	223176_at
ubiquitin specific protease 25	USP25	29761	NP_037528	NM_013396	4D	223167_s_at
zinc finger, C3HC type 1	ZC3HC1	51530	NP_057562	NM_016478	4D	223163_s_at
chromosome 4 open reading frame 14	C4orf14	84273	NP_115689	NM_032313	4	223157_at
hypothetical protein MGC2714	MGC2714	84259	NP_115675	NM_032299	4D	223151_at
DEAH (AspGluAlaHis) box polypeptide 36	DHX36	170506	NP_065916	NM_020865	4D	223139_s_at
androgeninduced 1	AIGI	51390	NP_057192	NM_016108	4D	223136_at
hypothetical protein H17	H17	55572	NP_060017	NM_017547	4D	223128_at
secreted frizzledrelated protein 2	SFRP2	6423	NP_003004	NM_003013	4D	223121_s_at
hypothetical protein HSPC196	HSPC196	51524	NP_057548	NM_016464	4D	223113_at
ADPribosylhydrolase like 2	ADPRHL2	54936	NP_060295	NM_017825	4D	223097_at
mitochondrial ribosomal protein L51	MRPL51	51258	NP_057581	NM_016497	4D	223086 x at
ring finger protein 19	RNF19	25897	NP_056250	NM_015435	4D	223085_at
cyclin Dtype bindingprotein 1	CCNDBP1	23582	NP_036274	NM_012142	4D	223084_s_at
hypothetical protein MGC2941	MGC2941	79142	NP_077273	NM_024297	4D	223081_at
NOL1/NOP2/Sun domain family, member 2	NSUN2	54888	NP_060225	NM_017755	4D	223076_s_at
hypothetical protein FLJ14753	FLJ14753	84641	NP_115947	NM_032558	4D	223073_at
selenoprotein K	SELK	58515	NP 067060	NM 021237	4D	223070_at
STARD3 Nterminal like	STARD3NL	83930	NP_114405	NM_032016	4D	223065 s at
hypothetical protein LOC51255	LOC51255	51255	NP_057578	NM_016494	4D	223064_at
exportin 5	XPO5	57510		NM_020750	4	223057 s_at

hydroxyacylglutathione hydrolaselike	HAGHL	84264	NP_115680	NM_032304	4D	223485_at
translocase of inner mitochondrial membrane 8 homo	TIMM8B	26521	NP_036591	NM_012459	4D	223478_at
phosphatidylinositol glycan, class M	PIGM	93183	NP_660150	NM_145167	4D	223470_at
calcium/calmodulindependent protein kinase kinase	CAMKKI	84254	NP_115670	NM_032294	4D	223460_at
peroxisome proliferative activated receptor, alpha	PPARA	5465	NP_001001928	NM_001001928	4D	223437_at
chromosome 7 open reading frame 36	C7orf36	57002	NP_064577	NM_020192	4D	223433_at
cappuccino	CNO	55330	NP_060836	NM_018366	4D	223431_at
hypothetical protein FLJ20425	LYAR	55646	NP_060286	NM_017816	4D	223413_s_at
kelch repeat and BTB (POZ) domain containing 7	KBTBD7	84078	NP 115514	NM_032138	4D	223412_at
chromosome 7 open reading frame 35	C7orf35	85025	NP_116325	NM_032936	4D	223396_at
SERTA domain containing 1	SERTADI	29950	NP_037508	NM_013376	4D	223394_at
zinc finger protein 537	ZNF537	57616	NP_065907	NM_020856	4D	223393_s_at
zinc finger protein 537	ZNF537	57616	NP_065907	NM_020856	4D	223392 s at
tripartite motifcontaining 4	TRIM4	89122	NP_149082	NM_033091	4D	223384_s_at
pleckstrin homology domain containing, family A (p	PLEKHA3	65977	NP_061964	NM_019091	4D	223370_at
melanoma associated antigen (mutated) 1	MUMI	84939	NP_116242	NM_032853	4D	223347_at
histone deacetylase 8	HDAC8	55869	NP_060956	NM_018486	4D	223345_at
ribonucleotide reductase M2 B (TP53 inducible)	RRM2B	50484	NP_056528	NM_015713	4D	223342_at
ATPase inhibitory factor 1	ATPIFI	93974	NP 835497	NM_178190	4D	223338_s_at
serologically defined colon cancer antigen 10	SDCCAG10	10283	NP_005860	NM_005869	4D	223337_at
RAB18, member RAS oncogene family	RAB18	22931	NP_067075	NM_021252	4D	223336_s_at
hypothetical protein DKFZp586C1924	DKFZp586C192	84233	NP_115649	NM_032273	4D	223334_at
hypothetical protein FLJ23518	FLJ23518	79780	NP_079001	NM_024725	4D	223301_s_at
5'nucleotidase, cytosolic III	NT5C3	51251	NP_057573	NM_016489	4D	223298_s_at
hypothetical protein MGC4268	MGC4268	83607	NP_113633	NM_031445	4D	223297_at
mitochondrial carrier protein	MGC4399	84275	NP_115691	NM_032315	4D	223296_at
chromosome X open reading frame 26	CXorf26	51260	NP_057584	NM_016500	4D	223294_at
K562 cellderived leucinezipperlike protein 1	KLPI	57106	NP_065111	NM_020378	4D	223284 at
putative small membrane protein NID67	NID67	85027	NP_116565	NM_032947	4D	223276_at
PTD012 protein	PTD012	28970	NP_054758	NM_014039	4D	223268_at
ORMIlike 3 (S. cerevisiae)	ORMDL3	94103	NP_644809	NM_139280	Đ	223259_at

223504_at	4D	NM_016544	NP_057628	51277	RBJ	Rasassociated protein Rap1
223522_at	4D	NM_030814	NP_110441	81571	C9orf45	chromosome 9 open reading frame 45
223528_s_at	4D	NM_022734	NP_073571	64745	FLJ20859	FLJ20859 gene
223531_x_at	4D	NM_016334	NP_057418	51463	GPR89	G proteincoupled receptor 89
223535_at	4D	NM_031438	NP_113626	83594	NUDT12	nudix (nucleoside diphosphate linked moiety X)type
223542_at	4D	NM_032290	NP_115666	84250	ANKRD32	ankyrin repeat domain 32
223548_at	4D	NM_017673	NP_060143	54823	Clorf26	chromosome 1 open reading frame 26
223576_at	4D	NM_016487	NP_057571	51250	C6orf203	chromosome 6 open reading frame 203
223583_at	4D	NM_024575	NP_078851	79626	FLJ23467	hypothetical protein FLJ23467
223584_s_at	4D	NM_015483	NP_056298	25948	KBTBD2	kelch repeat and BTB (POZ) domain containing 2
223609_at	4D	NM_031916	NP_114122	83853	ROPNIL	ropporin 1like
223620_at	4D	NM_005300	NP_005291	2857	GPR34	G proteincoupled receptor 34
223626_x_at	4D	NM_032036	NP_114425	83982	FAMI4A	family with sequence similarity 14, member A
223634_at	4D	NM_014310	NP_055125	23551	RASD2	RASD family, member 2
223639_s_at	4D	NM_014596	NP_055411	30834	ZNRDI	zinc ribbon domain containing, 1
223647 x_at	4D	NM_172002	NP_741999	150274	HSC20	Jtype cochaperone HSC20
223650 s_at	4D	NM_030759	NP_110386	29982	NRBF2	nuclear receptor binding factor 2
223670 s at	4D	NM_018437	NP_060907	55363	HEMGN	hemogen
223671_x_at	4D	NM_015958	NP_057042	51611	CG130	CG130 protein
223674_s_at	4D	NM_020239	NP_064624	56882	CDC42SE1	CDC42 small effector 1
223682_s_at	4D	NM_032325	NP_115701	84285	MGC11102	hypothetical protein MGC11102
223690_at	4D	NM_000428	NP_000419	4053	LTBP2	latent transforming growth factor beta binding pro
223706_at	4D	NM_032561	NP_115950	84645	C22orf23	chromosome 22 open reading frame 23
223709_s_at	4D	NM_025216	NP_079492	80326	WNT10A	winglesstype MMTV integration site family, member
223711_s_at	4D	NM_014174	NP_054893	29087	THY28	thymocyte protein thy28
223743 s_at	4D	NM_015956	NP_057040	51073	MRPL4	mitochondrial ribosomal protein 1.4
223749 at	4D	NM_031908	NP_114114	114898	C1QTNF2	C1q and tumor necrosis factor related protein 2
223754_at	4D	NM_032321	NP_115697	84281	MGC13057	hypothetical protein MGC13057
223758_s_at	4D	NM_001515	NP_001506	2966	GTF2H2	general transcription factor IIH, polypeptide 2, 4
223763_at	4D	NM_183040	NP_898861	84062	DTNBPI	dystrobrevin binding protein 1
223778_at	4D	NM_022342	NP_071737	64147	KIF9	kinesin family member 9
223789 s at	40	NM_019096	NP_061969	54676	GTPBP2	GTP binding protein 2
223809_at	4D	NM_130782	NP_570138	64407	RGS18	regulator of Gprotein signalling 18

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2243	2242	2242	2241	2241	2241	224	2241	2241	2241	2241	2240	2240	224(2239	2235	2239	2239	2239	2239	2239	223915	2238	2238	2238	2238	2238	2238	223834	2238	2238
224308 s at	224250 s at	224217_s_at	224196 x at	224187 x at	224177 s at	224159 x at	224156_x_at	224138_at	224137_at	224131_at	224099_at	224078_at	224074_at	223992 x at	223988_x_at	223963_s_at	223949_at	223948_s_at	223942_x_at	223917_s_at	15_at	223895_s_at	223887_at	223880_x_at	223866_at	223857_x_at	223835_x_at	34 at	223831_x_at	223821_s_at
4D	4D	4D	4D	4D	4D	4D	4D	4D	4D	4D	4D	4D	45	4D	4D	4D	4D	4D	Đ	4D	4D	4D	4D	4D	4D	4D	4D	4D	4D	4D
NM_020748	NM_024077	NM_007051	NM_015958	NM_006597	NM_016500	NM_033017	NM_018725	NM_032647	NM_031896	NM_032554	NM_033272	NM_032318	NM_199425	NM_017984	NM_022734	NM_006548	NM_032405	NM_024022	NM_012126	NM_144564	NM_020926	NM_017957	NM_013345	NM_018840	NM_032131	NM_016454	NM_032109	NM_014143	NM_020701	NM_017982
NP_065799	NP_076982	NP_008982	NP_057042	NP_006588	NP_057584	NP_148977	NP_061195	NP_116036	NP_114102	NP_115943	NP_150375	NP_115694	NP_955457	NP_060454	NP_073571	NP_006539	NP_115781	NP_076927	NP_036258	NP_653165	NP_065977	NP 060427	NP_037477	NP_061328	NP_115507	NP_057538	NP_115485	NP_054862	NP_065752	NP_060452
57508	79048	11124	51611	3312	51260	89122	55540	84733	59284	27198	90134	84278	30813	55063	64745	10644	64699	64699	23563	29985	54880	55040	29933	55969	84071	51234	23440	29126	57461	55061
KIAA1287	SECISBP2	FAF1	CG130	HSPA8	CXorf26	TRIM4	IL17RB	MGC10561	CACNG7	GPR81	KCNH7	HIATL2	VSXI	ZCWPW1	FLJ20859	IMP2	TMPRSS3	TMPRSS3	CHST5	SLC39A3	BCOR	EPN3	GPR132	C20orf24	ARMC2	LOC51234	OTP	PDCDILGI	KIAA1160	FLJ10052
KIAA1287 protein	SECIS binding protein 2	Fas (TNFRSF6) associated factor 1	CGI30 protein	heat shock 70kDa protein 8	chromosome X open reading frame 26	tripartite motifcontaining 4	interleukin 17 receptor B	hypothetical protein MGC10561	calcium channel, voltagedependent, gamma subunit 7	G proteincoupled receptor 81	potassium voltagegated channel, subfamily H (eagre	hippocampus abundant gene transcriptlike 2	visual system homeobox 1 homolog, CHX10like (zebra	zinc finger, CW type with PWWP domain 1	FLJ20859 gene	IGFII mRNAbinding protein 2	transmembrane protease, serine 3	transmembrane protease, serine 3	carbohydrate (Nacetylglucosamine 6O) sulfotransfer	solute carrier family 39 (zinc transporter), membe	BCL6 corepressor	epsin 3	G proteincoupled receptor 132	chromosome 20 open reading frame 24	armadillo repeat containing 2	hypothetical protein LOC51234	orthopedia homolog (Drosophila)	programmed cell death 1 ligand 1	KIAA1160 protein	hypothetical protein FLJ10052

CDW92 antigen	CDW92	23446	NP_536856	NM_080546	4D	224595_at
zinc finger protein ZFOC1	ZFOC1	144348	NP_689650	NM_152437	4D	224593_at
chromosome 20 open reading frame 30	C20orf30	29058	NP_054864	NM_014145	4D	224584_at
chromosome 3 open reading frame 10	C3orf10	55845	NP_060932	NM_018462	4D	224575_at
reticulon 3	RTN3	10313	NP_958831	NM_201428	4D	224564_s_at
WAS protein family, member 2	WASF2	10163	NP_008921	NM_006990	4D	224563 at
murine retrovirus integration site I homolog	MRVII	10335	NP_006060	NM_006069	4D	224550 s_at
CXXC finger 5	CXXC5	51523	NP_057547	NM_016463	4D	224516 s at
thioredoxinlike 5	TXNL5	84817	NP_116120	NM_032731	4D	224511_s_at
hypothetical protein MGC10744	MGC10744	84314	NP_898888	NM_183065	4D	224496 s at
hypothetical protein MGC10744	MGC10744	84314	NP_898888	NM_183065	4D	224495_at
HECT domain containing 1	HECTDI	25831	NP_056197	NM_015382	4D	224481_s_at
leucine zipper, putative tumor suppressor 2	LZTS2	84445	NP_115805	NM_032429	4D	224473 x at
PYM protein	PYM	84305	NP_115721	NM_032345	4D	224465_s_at
chromosome 9 open reading frame 125	C9orf125	84302	NP_115718	NM_032342	4D	224458_at
hypothetical protein MGC12966	MGC12966	84792	NP_116095	NM_032706	4D	224452 s_at
RIO kinase I (yeast)	RIOKI	83732	NP_113668	NM_031480	4D	224450 s at
ring finger protein 7	RNF7	9616	NP_899060	NM_183237	4D	224439 x at
chromosome 10 open reading frame 58	C10orf58	84293	NP_115709	NM_032333	4D	224435_at
mitochondrial translation optimization 1 homolog	MTO1	25821	NP_036255	NM_012123	4D	224430_s_at
mediator of RNA polymerase II transcription, subun	MED28	80306	NP_079481	NM_025205	4D	224416_s_at
histidine triad nucleotide binding protein 2	HINT2	84681	NP_115982	NM_032593	4D	224415 s_at
ring finger protein 7	RNF7	9616	NP_055060	NM_014245	4D	224395_s_at
ring finger protein 17	RNF17	56163	NP_114383	NM_031994	4D	224383 at
prote			1	1		1
TAF7like RNA polymerase II. TATA box binding	TAF7L	54457	NP 079161	NM 024885	Ð	224380 s at
RAB18, member RAS oncogene family	RAB18	22931	NP_067075	NM_021252	4D	224377_s_at
NDRG family member 3	NDRG3	57446	NP_114402	NM_032013	4D	224368_s_at
homolog,				1		
ubiquitinconjugating enzyme E2, J2 (UBC6	UBE2J2	118424	NP 919297	NM_194316	4D	224347 x at
mitochondrial ribosomal protein L51	MRPL51	51258	NP_057581	NM_016497	4D	224334 s at
mitochondrial ribosomal protein L36	MRPL36	64979	NP_115868	NM_032479	4D	224331_s_at
mitochondrial ribosomal protein 1.27	MRPL27	51264	NP 683412	NM_148571	4D	224330 s_at

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224609 at	4D	NM_020428	NP_065161	57153	CTL2	CTL2 gene
224614_at	4D	NM_006141	NP_006132	1783	DNCL12	dynein, cytoplasmic, light intermediate polypeptid
224625_x_at	4D	NM_005770	NP_005761	10169	SERF2	small EDRKrich factor 2
224632_at	ŧ	NM_182679	NP_872620	54865	GPATC4	G patch domain containing 4
224634_at	4D	NM_015590	NP_056405	54865	GPATC4	G patch domain containing 4
224637 at	4D	XM_376043	XP_376043	400948	LOC400948	similar to RIKEN cDNA 2310016E02
224640_at	4D	NM_139015	NP_620584	121665	SPPL3	signal peptide peptidase 3
224655 at	4D	NM_016282	NP_057366	50808	AK3L1	adenylate kinase 3 like 1
224657_at	4D	NM_018948	NP_061821	54206	MIG6	mitogeninducible genc 6
224661 at	4D	NM_032906	NP_116295	84992	MGC14156	hypothetical protein MGC14156
224662_at	4D	NM_004521	NP_004512	3799	KJF5B	kinesin family member 5B
224669_at	4D	NM_033542	NP_291020	55861	C20orf35	chromosome 20 open reading frame 35
224713_at	4D	NM_032390	NP_115766	84365	MK1671P	MK167 (FHA domain) interacting nucleolar phosphopr
224719 s_at	4D	NM_138425	NP_612434	113246	GRCC10	likely ortholog of mouse gene rich cluster, C10 ge
224721_at	4D	NM_032168	NP_115544	84128	FLJ12519	hypothetical protein FLJ12519
224736_at	4D	NM_018237	NP_060707	55749	CCARI	cell division cycle and apoptosis regulator 1
224739_at	4D	NM_001001852	NP_001001852	415116	PIM3	pim3 oncogene
224768_at	4D	NM_017969	NP_060439	55677	FLJ10006	hypothetical protein FLJ10006
224779_s_at	4D	NM_032231	NP_115607	84191	FLJ22875	hypothetical protein FLJ22875
224780_at	4D	NM_032905	NP_116294	84991	RBM17	RNA binding motif protein 17
224785 at	4D	NM_182565	NP_872371	283991	MGC29814	hypothetical protein MGC29814
224787 s at	4D	NM_021252	NP_067075	22931	RAB18	RAB18, member RAS oncogene family
224797_at	4D	NM_020801	NP_065852	57561	ARRDC3	arrestin domain containing 3
224812_at	4D	NM_152740	NP_689953	11112	HIBADH	3hydroxyisobutyrate dehydrogenase
224819_at	4D	NM_153333	NP_699164	90843	TCEAL8	transcription elongation factor A (SII)like 8
224820_at	4D	NM_198076	NP_932342	116228	FAM36A	family with sequence similarity 36, member A
224824_at	4D	NM_198076	NP_932342	116228	FAM36A	family with sequence similarity 36, member A
224828_at	4D	NM_030627	NP_085130	80315	CPEB4	cytoplasmic polyadenylation element binding protei
224831_at	4D	NM_030627	NP_085130	80315	CPEB4	cytoplasmic polyadenylation element binding protei
224836_at	4D	NM_021202	NP_067025	58476	TP53INP2	tumor protein p53 inducible nuclear protein 2
224860_at	4D	XM_372075	XP_372075	90871	C9orf123	chromosome 9 open reading frame 123
224879 at	4D	XM 372075	XP_372075	90871	C9orf123	chromosome 9 open reading frame 123

PD COLLO	PRO0149	29035	NP 054836	NM 014117	4D	225183_at
chromosome 21 open reading frame 4	C21orf4	757	NP_006125	NM_006134	4D	225182_at
tetratricopeptide repeat domain 14	TTC14	151613	NP_597719	NM_133462	4D	225180_at
RAB11 family interacting protein 1 (class I)	RABHFIPI	80223	NP_001002814	NM_001002814	4D	225177_at
Rho GTPase activating protein 18	ARHGAP18	93663	NP_277050	NM_033515	4D	225173 at
protein phosphatase 1, regulatory (inhibitor) subu	PPPIRIB	84152	NP_852606	NM_181505	4D	225165_at
FERM domain containing 4A	FRMD4A	55691	NP_060497	NM_018027	4D	225163_at
hypothetical protein MGC4549	MGC4549	84337	NP_115753	NM_032377	40	225156_at
synapse associated protein 1, SAP47 homolog (Droso	SYAPI	94056	NP_116185	NM_032796	Đ	225154_at
G elongation factor, mitochondrial	GFMI	85476	NP_079272	NM 024996	4D	225153_at
KIAA1718 protein	KIAA1718	80853	XP_376680	XM_376680	4D	225142_at
Kruppellike factor 3 (basic)	KLF3	51274	NP_057615	NM_016531	4 D	225133_at
rabaptin, RAB GTPase binding effector protein 1	RABEPI	9135	NP_004694	NM_004703	40	225092_at
synovial apoptosis inhibitor 1, synoviolin	SYVNI	84447	NP_115807	NM_032431	4D	225090_at
hypothetical protein FLJ31153	FLJ31153	123811	NP 653201	NM_144600	4D	225088_at
cleavage and polyadenylation specific factor 3, 73	CPSF3	51692	NP_057291	NM_016207	4D	225082_at
RAB2B, member RAS oncogene family	RAB2B	84932	NP_116235	NM_032846	4D	225074_at
chromosome 6 open reading frame 68	C6orf68	116150	NP_612468	NM_138459	\$	225071_at
DnaJ (Hsp40) homolog, subfamily A, member 4	DNAJA4	55466	NP_061072	NM_018602	4D	225061_at
angiotensin II receptorassociated protein	AGTRAP	57085	NP_065083	NM_020350	4D	225059_at
zinc finger protein 512	ZNF512	84450	NP_115810	NM_032434	4D	225050_at
solute carrier family 15, member 4	SLC15A4	121260	NP_663623	NM_145648	4D	225043_at
chromosome 9 open reading frame 105	C9orf105	401505	NP_001001790	NM_001001790	4D	225036_at
chromodomain helicase DNA binding protein 6	CHD6	84181	NP_115597	NM_032221	4D	225031_at
hypothetical gene supported by BC032431	LOC389203	389203	XP_371691	XM_371691	4D	225014_at
ataxin 7like 3	ATXN7L3	56970	XP_375456	XM_375456	4D	224969_at
solute carrier family 26 (sulfate transporter), me	SLC26A2	1836	NP_000103	NM_000112	4D	224963_at
solute carrier family 26 (sulfate transporter), me	SLC26A2	1836	NP_000103	NM_000112	4D	224959_at
82kD FMRP Interacting Protein	182FIP	57532	NP_065823	NM_020772	4D	224956_at
mitochondrial ribosomal protein S24	MRPS24	64951	NP_114403	NM_032014	4D	224948_at
chromosome 22 open reading frame 16	C22orf16	400916	NP_998885	NM_213720	4D	224932_at
myeloidassociated differentiation market	MYADM	91663	NP_612382	NM_138373	4D	224920 x at
hom	OCIMIMI	92009	NF_001001363	NM_001001303	ė	224915 S at

translocase of inner mitochondrial membrane 23
C20orf81
TMEM18
COMMD6
LOC64744
MGC2560
MRPS26

225538_at	4D	NM_032280	NP_115656	84240	ZCCHC9	zinc finger, CCHC domain containing 9
225559_at	4D	NM_016474	NP_057558	51244	C3orf19	chromosome 3 open reading frame 19
225573_at	4D	NM_032169	NP_115545	84129	FLJ12592	putative acylCoA dehydrogenase
225589 at	4D	NM_020870	NP_065921	57630	SH3MD2	SH3 multiple domains 2
225604_s_at	4D	NM_022343	NP_071738	152007	C9orf19	chromosome 9 open reading frame 19
225607_at	4D	NM_144609	NP_653210	124808	FLJ31795	hypothetical protein FLJ31795
225612_s_at	4D	NM_032047	NP_114436	84002	B3GNT5	UDPGlcNAc:betaGal beta1,3Nacetylglucosaminyltransf
225625_at	4D	NM_001001655	NP_001001655	121642	MGC90512	similar to hypothetical protein 9530023G02
225651_at	4D	NM_152653	NP_689866	7325	UBE2E2	ubiquitinconjugating enzyme E2E 2 (UBC4/5 homolog,
225659_at	4D	NM_001001664	NP_001001664	339745	LOC339745	hypothetical protein LOC339745
225661_at	4D	NM_000629	NP_000620	3454	IFNARI	interferon (alpha, beta and omega) receptor 1
225686_at	4D	NM_182620	NP_872426	348235	FAM33A	family with sequence similarity 33, member A
225698_at	4D	NM_053000	NP_443726	114915	TIGAI	TIGAI
225705_at	4D	NM_138363	NP_612372	90799	LOC90799	hypothetical protein BC009518
225718_at	4D	NM_030650	NP_085153	80856	KIAA1715	KIAA1715
225719 s_at	4D	NM_181464	NP_852129	128308	MRPL55	mitochondrial ribosonial protein L55
225741_at	4D	NM_015453	NP_056268	25917	THUMPD3	THUMP domain containing 3
225743_at	4D	NM_173659	NP_775930	285367	RPUSD3	RNA pseudouridylate synthase domain containing 3
225744_at	4D	NM_013373	NP_037505	29801	ZDHHC8	zinc finger, DHHC domain containing 8
225748_at	4D	NM_032860	NP_116249	84946	C6orf93	chromosome 6 open reading frame 93
225782_at	4D	NM_198080	NP_932346	253827	MSRB3	methionine sulfoxide reductase B3
225790_at	4D	NM_198080	NP_932346	253827	MSRB3	methionine sulfoxide reductase B3
225795_at	4D	NM_033318	NP_201575	91689	LOC91689	hypothetical gene supported by AL449243
225836 s_at	4D	NM_031465	NP_113653	83695	MGC13204	hypothetical protein MGC13204
225837_at	4D	NM_031465	NP_113653	83695	MGC13204	hypothetical protein MGC13204
225849 s at	4D	NM_145169	NP_660152	113402	C6orf83	chromosome 6 open reading frame 83
225850 at	4D	NM_145169	NP_660152	113402	C6orf83	chromosome 6 open reading frame 83
225852_at	4D	NM_198889	NP_942592	26057	ANKRD17	ankyrin repeat domain 17
225853_at	4D	NM_198066	NP 932332	64841	GNPNATI	glucosaminephosphate Nacetyltransferase I
225872_at	4D	NM_025181	NP_079457	80255	SLC35F5	solute carrier family 35, member F5
225876_at	4D	NM_020448	NP_065181	57185	DJ462023.2	hypothetical protein dJ462O23.2
225881_at	4D	NM_032826	NP_116215	84912	SLC35B4	solute carrier family 35, member B4

225882_at	4b	NM_032826	NP_116215	84912	SLC35B4	solute carrier family 35, member B4
225888 at	4D	NM_024953	NP_079229	81008	FLJ13089	hypothetical protein FLJ13089
225899 x_at	4D	NM_001004321	NP_001004321	399844	FLJ45445	FLJ45445 protein
225936_at	4D	NM_153232	NP_694964	163126	CRI2	CREBBP/EP300 inhibitor 2
225945_at	4D	NM_138494	NP_612503	79027	ZNF655	zinc finger protein 655
225957_at	4D	NM_153607	NP_705835	153222	LOC153222	adult retina protein
225969_at	4D	NM_032878	NP_116267	84964	MGC15677	hypothetical protein MGC15677
225994_at	4D	NM_017437	NP_059133	53981	CPSF2	cleavage and polyadenylation specific factor 2, 10
226007_at	4D	NM_194279	NP_919255	122961	HBLD1	HESB like domain containing 1
226011_at	4D	NM_144716	NP_653317	151903	CCDC12	coiledcoil domain containing 12
226018_at	4D	NM_152793	NP_690006	222166	Ells1	hypothetical protein Ells1
226024_at	4D	NM_152516	NP_689729	150684	COMMDI	copper metabolism (Murr1) domain containing
226026_at	4D	NM_032839	NP_116228	84925	DIRC2	disrupted in renal carcinoma 2
226036_x_at	4D	NM_032982	NP_116764	835	CASP2	caspase 2, apoptosisrelated cysteine protease (neu
226086_at	4D	NM_020826	NP_065877	57586	SYT13	synaptotagmin XIII
226092_at	4D	NM_022474	NP_071919	64398	MPP5	membrane protein, palmitoylated 5 (MAGUK p55 subfa
226097_at	4D	NM_153756	NP_715637	252995	FNDC5	fibronectin type III domain containing 5
226117_at	4D	NM_052864	NP_443096	92610	TIFA	TRAFinteracting protein with a forkheadassociated
226121_at	4D	NM_144683	NP_653284	147015	MGC23280	hypothetical protein MGC23280
226143_at	4D	NM_030665	NP_109590	10743	RAII	retinoic acid induced 1
226159_at	4D	NM_175921	NP_787117	285636	LOC285636	hypothetical protein LOC285636
226169 at	4D	NM_030962	NP_112224	81846	SBF2	SET binding factor 2
226175_at	4D	NM_173810	NP_776171	283237	MGC29649	hypothetical protein MGC29649
226177_at	4D	NM_016433	NP_057517	51228	GLTP	glycolipid transfer protein
226194_at	4D	NM_032436	NP_115812	283489	C13orf8	chromosome 13 open reading frame 8
226239_at	4D	NM_153342	NP_699173	129303	FLJ90024	fastinginducible integral membrane protein TM6P1
226267_at	4D	NM_130469	NP_569736	122953	JDP2	jun dimerization protein 2
226276_at	4D	NM_174909	NP 777569	153339	MGC23909	hypothetical protein MGC23909
226296 s at	4D	NM_031280	NP_112570	64960	MRPS15	mitochondrial ribosomal protein S15
226301_at	4D	NM_052831	NP_439896	116843	C6orf192	chromosome 6 open reading frame 192
226319 s at	4D	NM_005782	NP_005773	10189	THOC4	THO complex 4
226321 at	4D	XM_371760	XP_371760	116068	LOC116068	hypothetical protein LOC116068

226338 at	4D	NM 018710	NP 061180	55529	DKFZn7620076	DKFZn7620076 hypothetical protein DKFZn7620076
226339_at	4D	NM_139169	NP_631908	142940	TRUB1	TruB pseudouridine (psi) synthase homolog 1 (E.
226378 s at	40	NM_152482	NP_689695	148223	C19orf25	chromosome 19 open reading frame 25
226385_s_at	4D	NM_138446	NP_612455	115416	C7orf30	chromosome 7 open reading frame 30
226394 at	4D	NM_017824	NP_060294	54708	MARCH5	membraneassociated ring finger (C3HC4) 5
226422_at	4D	NM_016570	NP_057654	51290	PTXI	PTX1 protein
226442_at	4D	NM_032548	NP_115937	80325	ABTBI	ankyrin repeat and BTB (POZ) domain containing
226443 at	4D	NM_138333	NP_612206	116224	C9orf42	chromosome 9 open reading frame 42
226470_at	4D	NM_052830	NP_439895	2686	GGTL3	gammaglutamyltransferaselike 3
226487_at	4D	NM_032829	NP_116218	84915	FLJ14721	hypothetical protein FLJ14721
226489_at	4D	NM_020698	NP_065749	57458	TMCC3	transmembrane and coiledcoil domains 3
226507_at	4D	NM_002576	NP_002567	5058	PAK1	p21/Cdc42/Rac1activated kinase 1 (STE20 homolog, y
226515_at	4D	NM_145265	NP_660308	133957	LOC133957	similar to RIKEN cDNA 0610011N22
226524_at	4D	NM_173824	NP_776185	285237	MGC26717	hypothetical protein MGC26717
226531_at	4D	NM_032790	NP_116179	84876	FLJ14466	hypothetical protein FLJ14466
226537_at	4D	NM_138571	NP_612638	135114	HINT3	histidine triad nucleotide binding protein 3
226564_at	4D	NM_020863	NP_065914	57623	ZNF406	zinc finger protein 406
226603_at	4D	NM_152703	NP_689916	219285	C7orf6	chromosome 7 open reading frame 6
226611 s_at	4D	NM_181716	NP_859067	201161	PRR6	proline rich 6
226614 s at	4D	NM_053279	NP_444509	83648	C8orf13	chromosome 8 open reading frame 13
226616_s_at	4D	NM_021075	NP_066553	4731	NDUFV3	NADH dehydrogenase (ubiquinone) flavoprotein 3, 10
226619 at	4D	NM_014554	NP_055369	29843	SENPI	SUMO1/sentrin specific protease 1
226636_at	4D	NM_002662	NP_002653	5337	PLD1	phospholipase D1, phophatidylcholinespecific
226639_at	4D	NM_032740	NP_116129	84826	MGC5391	hypothetical protein MGC5391
226642 s_at	4D	NM_145266	NP_660309	134492	NUDCD2	NudC domain containing 2
226656_at	4D	NM_006371	NP_006362	10491	CRTAP	cartilage associated protein
226679_at	4D	NM_173626	NP_775897	284129	SLC26A11	solute carrier family 26, member 11
226688_at	4D	NM_173826	NP_776187	285343	DKFZp313N062	hypothetical protein DKFZp313N0621
226739_at	4D	XM_495886	XP 495886	254225	KIAA1991	hypothetical protein KIAA1991
226749_at	4D	NM_182640	NP_872578	64965	MRPS9	mitochondrial ribosomal protein S9
226764_at	4D	NM_178835	NP_849157	152485	LOC152485	hypothetical protein LOC152485
NYI-4308224vI						

220/6/ s_at	ŧ	NM_031208	NP_112465	01007	FAIIDI	initial y lacetoacetate nydrotase domain containing
226780_s_at	4D	NM_197964	NP_932068	154791	HSPC268	hypothetical protein HSPC268
226784_at	4D	NM_001002926	NP_001002926	221830	TWISTNB	TWIST neighbor
226794_at	4D	NM_139244	NP_640337	134957	STXBP5	syntaxin binding protein 5 (tomosyn)
226796 at	4D	NM_198147	NP_937790	116236	LOC116236	hypothetical protein LOC116236
226820_at	4D	NM_152493	NP_689706	149076	FLJ25476	FLJ25476 protein
226824_at	4D	NM_198148	NP_937791	119587	CPXM2	carboxypeptidase X (M14 family), member 2
226829_at	4D	NM_001001936	NP_001001936	84632	KIAA1914	KIAA1914
226837_at	4D	NM_152594	NP_689807	161742	SPREDI	sproutyrelated, EVH1 domain containing 1
226871 s_at	4D	NM_032885	NP_116274	84971	APG4D	APG4 autophagy 4 homolog D (S. cerevisiae)
226875_at	4D	NM_144658	NP_653259	139818	DOCK11	dedicator of cytokinesis 11
226881_at	4D	NM_152407	NP_689620	134266	GRPEL2	GrpElike 2, mitochondrial (E. coli)
226925_at	4D	NM_152282	NP_689495	92370	ACPL2	acid phosphataselike 2
226952_at	4D	NM_033083	NP_149074	85403	EAFI	ELL associated factor
226956_at	4D	XM_376003	XP_376003	400924	LOC400924	hypothetical gene supported by AK056895
226957_x_at	4D	NM_006788	NP_006779	10928	RALBPI	ralA binding protein 1
226975_at	4D	NM_017619	NP_060089	55599	RNP	U11/U12 snRNP 65K
227029_at	41)	NM_173607	NP_775878	283635	C14orf24	chromosome 14 open reading frame 24
227053_at	4D	NM_020804	NP_065855	29993	PACSINI	protein kinase C and casein kinase substrate in ne
227063_at	4D	NM_152766	NP_689979	254863	MGC40107	hypothetical protein MGC40107
227068_at	4D	NM_000291	NP_000282	5230	PGK1	phosphoglycerate kinase 1
227075_at	4D	NM_018091	NP_060561	55140	ELP3	elongation protein 3 homolog (S. cerevisiae)
227143 s at	4D	NM_001196	NP_001187	637	BID	BH3 interacting domain death agonist
27151_at	4D	NM_153271	NP_695003	257364	MGC32065	hypothetical protein MGC32065
227160_s_at	4D	NM_024120	NP_077025	79133	C20orf7	chromosome 20 open reading frame 7
227163_at	4D	NM_183239	NP_899062	119391	GSTO2	glutathione Stransferase omega 2
227217_at	4D	NM_006648	NP_006639	65268	WNK2	WNK lysine deficient protein kinasc 2
227220_at	4D	NM_152995	NP_694540	152518	HOZFP	ovarian zinc finger protein
227230_s_at	4D	XM_044178	XP_044178	57482	KIAA1211	KIAA1211 protein
227233_at	4D	NM_005725	NP_005716	10100	TSPAN2	tetraspan 2
227240_at	4D	NM_019850	NP_062824	25791	NGEF	neuronal guanine nucleotide exchange factor
227286_at	4D	NM_173618	NP_775889	283899	FLJ90652	hypothetical protein FLJ90652
227363_s_at	4D	NM_006067	NP_006058	10328	NOC4	neighbor of COX4
777201 v st	Ď	NM 004735	NP 004726	9208	LRRFIPI	leucine rich repeat (in FLII) interacting protein

chromosome 20 open reading frame 149	C20orf149	79144	NP_077275	NM_024299	4D	227994 x at
postsynaptic protein CRIPT	CRIPT	9419	NP_054890	NM_014171	40	227942 s at
exosome component 3	EXOSC3	51010	NP_057126	NM_016042	4D	227916 x at
CDC42 effector protein (Rho GTPase binding) 5	CDC42EP5	148170	NP_659494	NM_145057	4D	227850 x at
EPM2A (laforin) interacting protein 1	EPM2AIP1	9852	NP_055620	NM_014805	4D	227847_at
forminlike 3	FMNL3	91010	NP_783863	NM_175736	4D	227844 at
nudE nuclear distribution gene E homolog 1 (A. nid	NDEI	54820	NP_060138	NM_017668	4Đ	227843_at
zinc finger protein 605	ZNF605	90462	NP_899061	NM 183238	4D	227822_at
zinc finger protein 62 homolog (mouse)	ZFP62	92379	NP_689496	NM_152283	Đ	227796_at
chromosome 6 open reading frame 157	C6orf157	90025	NP_944602	NM_198920	Đ	227790_at
hypothetical protein FLJ90586	FLJ90586	135932	NP_699176	NM_153345	\$	227753_at
C3 and PZPlike, alpha2macroglobulin domain contain	CPAMD8	27151	NP_056507	NM_015692	4b	227721_at
suppressor of cytokine signaling 3	SOCS3	9021	NP 003946	NM_003955	Đ	227697_at
similar to RIKEN cDNA 0610008P16 gene	MGC15937	92292	NP_542392	NM_080661	4D	227695_at
zinc finger protein 326	ZNF326	284695	NP_892021	NM_182976	4D	227680_at
Ku70binding protein 3	KUB3	91419	NP_150592	NM_033276	4D	227678_at
zinc finger protein 585A	ZNF585A	199704	NP_689868	NM_152655	4D	227674_at
doublecortin and CaM kinaselike 2	DCAMKL2	166614	NP_689832	NM_152619	4D	227666_at
ELAV (embryonic lethal, abnormal vision, Drosophil	ELAVL3	1995	NP_001411	NM_001420	40	227612_at
epithelial stromal interaction 1 (breast)	EPSTII	94240	NP_001002264	NM_001002264	4D	227609_at
KIAA1627 protein	K1AA1 627	57721	NP_066012	NM_020961	4D	227601_at
hypothetical protein FLJ12949	FLJ12949	65095	NP_075384	NM_023008	4D	227587_at
hypothetical protein MGC42630	MGC42630	286301	NP_787119	NM_175923	4D	227563_at
PHD finger protein 20like 1	PHF20L1	51105	NP_057102	NM_016018	4D	227523_s_at
Fbox protein 33	FBXO33	254170	NP_976046	NM_203301	4D	227521_at
forkhead box Q1	FOXQ1	94234	NP_150285	NM_033260	4D	227475_at
HECT domain and ankyrin repeat containing, E3 ubiq	HACEI	57531	NP_065822	NM_020771	4D	227471_at
hypothetical protein LOC197322	LOC197322	197322	NP_777577	NM_174917	4D	227464_at
EPH receptor A4	EPHA4	2043	NP_004429	NM_004438	4D	227449 at
hypothetical protein FLJ38991	FLJ38991	285521	NP_776188	NM_173827	4D	227442_at
hypothetical protein MGC14595	MGC14595	84294	NP_115710	NM_032334	4D	227402 s at

221777 at	ŧ	NN 130499	90C710 AN	170394	PWWP2	PWWP domain containing 2
228009_x_at	4D	NM_014596	NP_055411	30834	ZNRDI	zinc ribbon domain containing, 1
228017_s_at	4D	NM_152864	NP_690603	128414	C20orf58	chromosome 20 open reading frame 58
228020_at	4D	NM_017952	NP 060422	55037	FLJ20758	FLJ20758 protein
228053 s_at	4D	NM_001001790	NP_001001790	401505	C9orf105	chromosome 9 open reading frame 105
228064_at	4D	NM_207644	NP_997527	388886	LOC388886	similar to hypothetical protein LOC192734
228065_at	4D	NM_182557	NP_872363	283149	BCL9L	Bcell CLL/lymphoma 9like
228077_at	Đ	NM_032285	NP_115661	84245	MGC3207	hypothetical protein MGC3207
228083_at	4D	NM_172364	NP_758952	93589	CACNA2D4	calcium channel, voltagedependent, alpha 2/delta s
228089_x_at	\$	NM_199337	NP_955369	374395	LOC374395	similar to RIKEN cDNA 1810059G22
228092 at	4D	NM_001881	NP_001872	1390	CREM	cAMP responsive element modulator
228099_at	4D	NM_153231	NP_694963	162972	ZNF550	zinc finger protein 550
228106_at	4D	NM_017741	NP_060211	54876	FLJ20280	hypothetical protein FLJ20280
228134_at	4D	NM_022844	NP_074035	4629	IIHAW	myosin, heavy polypeptide 11, smooth muscle
228170_at	4D	NM_138983	NP_620450	116448	OLIGI	oligodendrocyte transcription factor I
228183_s_at	4D	NM_032308	NP_115684	84268	RIP	RPA interacting protein
228184_at	4D	NM_032890	NP_116279	84976	DISPI	dispatched homolog 1 (Drosophila)
228217_s_at	4D	XM_374159	XP_374159	389362	LOC389362	hypothetical LOC389362
228224_at	4D	NM_002725	NP_002716	5549	PRELP	proline argininerich end leucinerich repeat protei
228264_at	4D	NM_032592	NP_115981	84680	PHACS	l'aminocyclopropanel carboxylate synthase
228285_at	4D	NM_153046	NP_694591	122402	TDRD9	tudor domain containing 9
228293_at	4D	NM_139160	NP_631899	91614	LOC91614	novel 58.3 KDA protein
228298_at	4D	NM_138371	NP_612380	91523	MGC16044	hypothetical protein MGC16044
228355 s at	4D	NM_174889	NP_777549	91942	LOC91942	hypothetical protein LOC91942
228367_at	4D	NM_052947	NP_443179	115701	ALPK2	alphakinase 2
228393_s_at	4D	NM_018675				
228499_at	4D	NM_004567	NP_004558	5210	PFKFB4	6phosphofructo2kinase/fructose2,6biphosphatase
228500 at	4D	NM_152658	NP_689871	199745	THAP8	THAP domain containing 8
228506_at	4D	NM_017615	NP_060085	54780	C10orf86	chromosome 10 open reading frame 86
228531_at	4D	NM_017654	NP_060124	54809	SAMD9	sterile alpha motif domain containing 9
228543_at	4D	NM_020536	NP_065397	57325	CSRP2BP	CSRP2 binding protein
228544 s_at	4D	NM_020536	NP_065397	57325	CSBPARP	CSRP2 binding protein
228590_at	4D	NM_017952			COM 2DI	FLJ20758 protein
228597 at			NP_060422	55037	FLJ20758	

Tcell activation GTPase activating protein	Р	117289	NP_473455	NM_054114	4D	229723 at
cleavage stimulation factor, 3' preRNA, subunit 3,	CSTF3	1479	NP_001317	NM_001326	4D	229665_at
peroxisomal lon protease	LONP	83752	NP_113678	NM 031490	4D	229663 at
chromosome 18 open reading frame 51	C18orf51	125704	XP_058931		4D	229645 at
iroquois homeobox protein 3	IRX3	79191	NP_077312	NM_024336	4D	229638 at
hypothetical protein FLJ32752	FLJ32752	144132	NP_653267			229631_at
hypothetical protein FLJ39441	FLJ39441	144108	NP_919261	NM_194285		229594 at
Tbox 3 (ulnar mammary syndrome)	TBX3	6926	NP_005987	NM_005996	4Β	229576 s at
peroxisomal acylCoA thioesterase 2B	PTE2B	122970	NP_689544	NM_152331	4D	229534_at
fragile X mental retardation, autosomal homolog	FXRI	8087	NP_005078	NM_005087	4D	229519_at
family with sequence similarity 46, member B	FAM46B	115572	NP_443175	NM_052943	4D	229518_at
cytochrome c oxidase subunit Va	COX5A	9377	NP_004246	NM_004255	4D	229426_at
golgi transport 1 homolog A (S. cerevisiae)	GOLTIA	127845	NP_940849	NM_198447	4D	229372_at
immunoglobulin superfamily, member 4C	1GSF4C	199731	NP_660339	NM_145296	4D	229335_at
hypothetical protein MGC2749	MGC2749	79036	NP_076974	NM_024069	4D	229316_at
junctophilin 3	JPH3	57338	NP_065706	NM_020655	4D	229294_at
ribonuclease L (2',5'oligoisoadenylate synthetased	RNASEL	6041	NP_066956	NM_021133	4D	229285_at
collagen, type XI, alpha 1	COLITAL	1301	NP_001845	NM_001854	4D	229271 x at
LOC440667	LOC440667	440667	XP_498810	XM_498810	4D	229264_at
lactate dehydrogenase D	LDHD	197257	NP_705690	NM_153486	₽Đ	229241_at
KIAA0251 protein	KIAA0251	23042	NP_055842	NM_015027	4D	229219_s_at
solute carrier family 35, member F3	SLC35F3	148641	NP_775779	NM_173508	4D	229065_at
hypothetical protein MGC31967	MGC31967	203260	NP_777583	NM_174923	4D	229063 s at
nudix (nucleoside diphosphate linked moiety X)type	NUDT17	200035	XP_496395	XM_496395	4D	229044_at
zinc finger protein 449	ZNF449	203523	NP_689908	NM_152695	4D	228968_at
hypothetical protein FLJ35954	FLJ35954	166968	NP_689835	NM_152622	4D	228961_at
S100 calcium binding protein A6 (calcyclin)	S100A6	6277	NP_055439	NM_014624	4D	228923 at
prematurely terminated mRNA decay factorlike	LOC91431	91431	NP_619643	NM_138698	4D	228859 at
hypothetical protein LOC196463	LOC196463	196463	NP_775813	NM_173542	4D	228845_at
solute carrier family 13 (sodiumdependent citrate	SLC13A5	284111	NP_808218	NM_177550	4D	228844_at
KIAA1571 protein	KIAA1571	57683	XP_371590	XM_371590	4D	228749_at
zinc finger, CCHC domain containing 12	ZCCHC12	170261	NP_776159	NM_173798	4D	228715_at
procollagenproline, 20xoglutarate 4dioxygenase (pr	P4HA3	283208	NP_878907	NM_182904	4D	228703_at

hypothetical protein BC014608	LOC128153	128153	NP 620151	NM_138796	4D	230763 at
hypothetical protein MGC33414	MGC33414	257101	NP_775845	NM_173574	4D	230756 at
hypothetical protein LOC146174	LOC146174	146174	NP_775772	NM_173501	4D	230721_at
kinesin family member 9	KIF9	64147	NP_071737	NM_022342	4D	230701 x at
hypothetical STGC3	STGC3	474171	NP_001006609	NM_001006608	4D	230587_at
hypothetical LOC388480	LOC388480	388480	XP_373779	XM_373779	4D	230574_at
cAMP responsive element modulator	CREM	1390	NP_874391	NM_182722	4D	230511 at
CD5 antigen (p5662)	CD5	921	NP_055022	NM_014207	4D	230489 at
similar to RIKEN cDNA 6030419C18 gene	LOC388135	388135	XP_370873	XM_370873	40	230475 at
hypothetical gene supported by AK124342	LOC400999	400999	XP_379123	XM_379123	4D	230452 at
similar to hypothetical protein 9630041N07	LOC345462	345462	XP_293828	XM_293828	4D	230421_at
inositol polyphosphate5phosphatase F	INPPSF	22876	NP_938145	NM_198331	4D	230363_s_at
inositol polyphosphate5phosphatase F	INPP5F	22876	NP_938145	NM_198331	4D	230362_at
transmembrane protein 45B	TMEM45B	120224	NP_620143	NM_138788	4D	230323_s_at
strand						
chromosome 9 open reading frame 10 opposite	C9orf10OS	158293	NP_942138	NM_198841	\$	230308_at
RAB7B, member RAS oncogene family	RAB7B	338382	NP_796377	NM_177403	4D	230266 at
ST8 alphaNacetylneuraminide alpha2,8sialyltransfer	ST8SIA4	7903	NP_005659	NM_005668	ŧ	250261_at
placentaspecific 9	PLAC9	219348	XP 166090	XM_166090	ŧ	230246_at
ret finger protein 2	RFP2	10206	NP_005789	NM_005798	40	230192 at
family with sequence similarity 14, member B	FAM14B	122509	NP_660292	NM_145249	4D	230172_at
similar to Histone H3.3	LOC392533	392533	XP_373368	XM_373368	4D	230144 at
solute carrier family 30 (zinc transporter), membe	SLC30A2	7780	NP_115902	NM_032513	4D	230084_at
BTB (POZ) domain containing 14A	BTBD14A	138151	NP_653254	NM_144653	4D	230050_at
mitochondrial ribosomal protein L43	MRPL43	84545	NP_789763	NM_176793	4D	230026 at
hypothetical protein FLJ21103	FLJ21103	79607	NP_078832	NM_024556	4D	230009_at
tigger transposable element derived 2	TIGD2	166815	NP_663761	NM_145715	4D	229983 at
Ellis van Creveld syndrome 2 (limbin)	EVC2	132884	NP_667338	NM_147127	4D	229974_at
FLJ32363 protein	FLJ32363	375444	NP_940968	NM_198566	4D	229886_at
Kruppellike factor 12	KLF12	11278	NP_009180	NM_007249	4D	229881_at
ventricular zone expressed PH domain homolog (ze	VEPHI	79674	NP_078897	NM_024621	4D	229759_s_at
hypothetical LOC145853	LOC145853	145853	XP_096885	XM_096885	4D	229742_at
Similar to KIKEN cDNA 1700027J05 gene	MGC33092	414918	NP_001001/94	NM 001001/94	ť	227137 S at

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densityregulated protein	DENR	8562	NP_003668	NM_003677	4D	231896_s_at
RNA (guanine9) methyltransferase domain containing	RG9MTD2	93587	NP_689505	NM_152292	4D	231877_at
kinesin family member 21A	KIF21A	55605	NP_060111	NM_017641	4D	231875_at
inhibitor of growth family, member 3	ING3	54556	NP_938008	NM_198267	4D	231863_at
tubulin, delta 1	TUBDI	51174	NP_057345	NM_016261	4D	231853_at
alanyltRNA synthetase like	AARSL	57505	NP_065796	NM_020745	4D	231845_at
KIAA1272 protein	KIAA1272	57186	XP_046600	XM_046600	4D	231826_at
FLJ10378 protein	FLJ10378	55132	NP_060548	NM_018078	4D	231824_at
noggin	NOG	9241	NP_005441	NM_005450	4D	231798_at
distalless homeo box 3	DLX3	1747	NP_005211	NM_005220	4D	231778_at
tumor necrosis factor receptor superfamily, member	TNFRSF10A	8797	NP_003835	NM_003844	4D	231775_at
upstream transcription factor 1	USFI	7391	NP_009053	NM_007122	4D	231768_at
zona pellucida glycoprotein 4	ZP4	57829	NP_067009	NM_021186	4D	231756_at
winglesstype MMTV integration site family, member	WNT3	7473	NP_110380	NM_030753	4D	231743_at
tissue inhibitor of metalloproteinase 2	TIMP2	7077	NP_003246	NM_003255	4D	231579_s_at
guanylate binding protein 1, interferoninducible,	GBP1	2633	NP_002044	NM_002053	4D	231578_at
chromosome 9 open reading frame 138	C9orf138	158297	NP_714918	NM_153707	4D	231570_at
hypothetical protein MGC35194	MGC35194	93190	NP_689503	NM_152290	4D	231549_at
chromosome 11 open reading frame 1	CHorfi	64776	NP_073598	NM_022761	4D	231530_s_at
chromosome 20 open reading frame 144	C20orf144	128864	NP_543015	NM_080825	4D	231522_at
gametogenetin	GGN	199720	NP_689870	NM_152657	4D	231420_at
LOC122258	LOC122258	122258	NP_660291	NM_145248	4D	231405_at
carbonic anhydrase XIII	CA13	377677	NP_940986	NM_198584	4D	231270_at
similar to RIKEN cDNA 1110018M03	LOC387758	387758	NP_976249	NM_203371	4D	231001_at
Bcell novel protein 1	BCNP1	199786	NP_775815	NM_173544	4D	230983_at
HCG3 gene	HCG3	414061	NP_001001394	NM_001001394	4D	230953_at
CDC14 cell division cycle 14 homolog B (S. cerevis	CDC14B	8555	NP_201589	NM_033332	4D	230887_at
BCL2associated athanogene 2	BAG2	9532	NP 004273	NM_004282	4D	230879_at
cystatin 9like (mouse)	CST9L	128821	NP_542177	NM_080610	4D	230829_at
SVAP1 protein	IMAGE3451454	116841	NP_444280	NM_053052	4D	230810_at
FLJ37099 protein	FLJ37099	163259	NP_940861	NM_198459	4D	230769 at

231940_at	4D	NM 020951	NP 066002	57711	ZNF529	zinc finger protein 529 PHD finger protein 2018/c-1
231987 at	4) t	XM 209196	XP 209196	284422	LOC284422	similar to HSPC323
231991 at	4D	NM 080625	NP_542192	140706	C20orf160	chromosome 20 open reading frame 160
231996_at	4D	NM_018177	NP_060647	55728	N4BP2	Nedd4 binding protein 2
232087 at	4D	NM_198279	NP_938020	256643	CXorf23	chromosome X open reading frame 23
232104 at	4D	NM_001003665	NP_001003665	375057	DKFZp761P211	similar to hypothetical protein Y97E10AL.1
232114_at	4D	NM_053002	NP_443728	116931	MEDI2L	mediator of RNA polymerase II transcription, subun
232162_at	4D	NM_030895	NP_112157	79943	FLJ14129	hypothetical protein FLJ14129
232183 at	4D	NM_032861	NP_116250	84947	SERACI	serine active site containing 1
232187 at	4D	NM_017734	NP_060204	54873	PALMD	palmdelphin
232208_at	4D	NM_020851	NP_065902	57611	KIAA1465	KIAA1465 protein
232229_at	4D	NM_015046	NP_055861	23064	ALS4	amyotrophic lateral sclerosis 4
232263_at	4D	NM_018057	NP_060527	55117	SLC6A15	solute carrier family 6, member 15
232287_at	4D	NM_170753	NP_736609	267004	PGBD3	piggyBac transposable element derived 3
232302_at	4D	NM_176871	NP_789847	64236	PDLIM2	PDZ and LIM domain 2 (mystique)
232403_at	4D	NM_025137	NP_079413	80208	FLJ21439	hypothetical protein FLJ21439
232456_at	4D	NM_199459	NP_955629	118461	C10orf71	chromosome 10 open reading frame 71
232486_at	4D	XM_290842	XP_290842	57622	LRFNI	leucine rich repeat and fibronectin type III doma
232563_at	4D	NM_152373	NP_689586	127396	MGC27466	hypothetical protein MGC27466
232602_at	4D	NM_080614	NP_542181	140686	WFDC3	WAP fourdisulfide core domain 3
232612 s at	4D	NM_017974	NP_060444	55054	APG16L	APG16 autophagy 16like (S. cerevisiae)
232664_at	4D	XM_379079	XP_379079	400946	LOC400946	hypothetical gene supported by AK022396; AK097927
232680_at	4D	NM_138574	NP_612641	154150	PWWPI	PWWP domain containing 1
232843 s at	4D	NM_203447	NP_982272	81704	DOCK8	dedicator of cytokinesis 8
232892_at	4D	NM_178463	NP 848558	128826	C20orf166	chromosome 20 open reading frame 166
232897_at	4D	NM_203449	NP_982274	403323	FLJ20444	hypothetical protein FLJ20444
232990_at	4D	NM_138362	NP_612371	90736	CXorf44	chromosome X open reading frame 44
233061_at	4D	XM_371399	XP_371399	128486	C20orf142	chromosome 20 open reading frame 142
233150_at	4D	NM_145292	NP_660335	168391	GALNTL5	UDPNacetylalphaDgalactosamine:polypeptide Nacetylg
233173_x_at	4D	NM_012087	NP_036219	9328	GTF3C5	general transcription factor IIIC, polypeptide 5,
233250 x at	4D	NM_024955	NP_079231	80020	FLJ23322	hypothetical protein FLJ23322

doorana provent tru	DNTTIPI	116092	NP 443183	NM 052951	Đ	234942 s at
ribosomal protein L.7a	RPL7A	6130	NP 000963	NM 000972	4D 6	234873 x at
	G2	25758	XP 039515	XM_039515	ŧ	234/84 at
Ì	KIAA1596	57697	XP_048128	XM_048128	4D	234733_s_at
l	PARP6	56965	NP 064598	NM_020213	4D	234710 s at
	LOC399788	399788	XP_374817	XM_374817	4D	234695_x_at
	OR52D1	390066	NP_001005163	NM_001005163	4D	234617_at
	NOBOX	135935	XP_069612	XM_069612	4D	234519_at
	SPAG4L	140732	NP_542406	NM_080675	4D	234504 at
	CTLA4	1493	NP_005205	NM_005214	4D	234362 s_at
	ZNF326	284695	NP_892020	NM_182975	4D	234093_at
	STK36	27148	NP_056505	NM_015690	4D	234005_x_at
	PLEKHG2	64857	NP_0/3/46	NM_022835	40	233986_S_at
1	ESPN	83715	NP_113663	NM_031475	4D	233979 s_at
	CG109	51605	NP_057023	NM_015939	4D	233970_s_at
	CST11	140880	NP_570612	NM_130794	4D	233968_at
	FLJ25222	374666	NP_954632	NM_199163	4D	233929_x_at
	SRGAPI	57522	NP_065813	NM_020762	4D	233888_s_at
	C20orf43	51507	NP_057491	NM_016407	4D	233842_x_at
	ATBF1	463	NP_008816	NM_006885	4D	233751_at
	KRTAP94	85280	NP_149461	NM_033191	4D	233640_x_at
	SIPA1L2	57568	NP_065859	NM_020808	4D	233587_s_at
	C20orf149	79144	NP_077275	NM_024299	4D	233571_x_at
	CFL2	1073	NP_068733	NM_021914	4D	233496 s at
	LOC96597	96597	XP_378655	XM_378655	4D	233483_at
	ZNF226	7769	NP_057528	NM_016444	4D	233461 x at
	POLN	353497	NP_861524	NM_181808	4D	233454 at
	DEPDC2	80243	NP_079146	NM_024870	4D	233408_at
	PCNT2	5116	NP_006022	NM_006031	4D	233387 s at
	POLRIB	84172	NP_061887	NM_019014	4D	233341_s_at
			10000			

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234985_at	4D	NM_174902	NP_777562	143458	LOC143458	hypothetical protein LOC143458
234988_at	4D	NM_025054	NP_079330	80124	VCIP135	valosincontaining protein (p97)/p47 complexinterac
235007_at	4D	NM_176824	NP_789794	55212	BBS7	BardetBiedl syndrome 7
235020_at	4D	XM_290809	XP_290809	6875	TAF4B	TAF4b RNA polymerase II, TATA box binding protein
235027_at	4D	XM_379850	XP_379850	402524	LOC402524	similar to Zinc finger protein 58 (Zfp58) (Zinc fi
235037_at	4D	NM_080652	NP_542383	90407	TMEM41A	transmembrane protein 41A
235076_at	4D	NM_005831	NP_005822	10241	NDP52	nuclear domain 10 protein
235089_at	4D	NM_032875	NP_116264	84961	FBXL20	Fbox and leucinerich repeat protein 20
235110_at	4D	NM_007069	NP_009000	11145	HRASLS3	HRASlike suppressor 3
235114_x_at	4D	NM_032410	NP_115786	84376	ноокз	hook homolog 3 (Drosophila)
235119_at	4D	XM_291729	XP_291729	83860	TAF3	TAF3 RNA polymerase II, TATA box binding protein (
235177_at	4D	NM_145280	NP_660323	151194	LOC151194	similar to hepatocellular carcinomaassociated anti
235241_at	4D	NM_173514	NP_775785	153129	FLJ90709	hypothetical protein FLJ90709
235250_at	4D	NM_144606	NP_653207	201163	FLCN	folliculin
235258_at	4D	NM_152624	NP_689837	167227	DCP2	DCP2 decapping enzyme homolog (S. cerevisiae)
235275_at	4D	NM_001720	NP_001711	656	ВМР8В	bone morphogenetic protein 8b (osteogenic protein
235296_at	4D	NM_020390	NP_065123	56648	EIF5A2	eukaryotic translation initiation factor 5A2
235303_at	4D	NM_144964	NP_659401	158234	RG9MTD3	RNA (guanine9) methyltransferase domain containing
235327_x_at	4D	NM_181713	NP_859064	165324	UBXD4	UBX domain containing 4
235359_at	4D	NM_198565	NP_940967	375387	UNQ3030	ELLP3030
235384_at	4D	XM_372723	XP_372723	390916	LOC390916	similar to RP2 protein, testosteroneregulated
235425_at	4D	NM_152524	NP_689737	151246	SGOL2	shugoshinlike 2 (S. pombe)
235447 at	4D	NM_139169	NP_631908	142940	TRUBI	TruB pseudouridine (psi) synthase homolog (E.
235472 at	4D	NM_032664	NP_116053	84750	FUT10	fucosyltransferase 10 (alpha (1,3) fucosyltransfer
235503_at	4D	NM_080874	NP_543150	140458	ASB5	ankyrin repeat and SOCS boxcontaining 5
235509_at	4D	NM_152416	NP_689629	137682	MGC40214	hypothetical protein MGC40214
235574 at	4D	NM_052941	NP_443173	115361	GBP4	guanylate binding protein 4
235923_at		NICE I MIN	NID CCOOK		VTIIA	vacials transport through introduction with

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236027_at	4D	NM_001002759	NP_001002759	119392	C10orf78	chromosome 10 open reading frame 78
236040_at	4D	NM_133179	NP_573440	170626	XAGE3	X antigen family, member 3
236087_at	4D	NM_032432	NP_115808	84448	ABLIM2	actin binding LIM protein family, member 2
236151 at	4D	NM_194286	NP_919262	84530	KIAA1853	KIAA1853 protein
236218_at	4D	NM_178500	NP_848595	162466	PHOSPHOI	phosphatase, orphan I
236262_at	4D	NM_024756	NP_079032	79812	MMRN2	multimerin 2
236267_at	4D	NM_012279	NP_036411	23567	ZNF346	zinc finger protein 346
236274_at	4D	NM_003751	NP_003742	8662	EIF3S9	eukaryotic translation initiation factor 3, subuni
236290_at	4D	NM_152721	NP_689934	220164	DOK6	docking protein 6
236621_at	4D	NM_001030	NP_001021	6232	RPS27	ribosomal protein S27 (metallopanstimulin 1)
236649_at	4D	NM_020234	NP_064619	56986	MDS009	x 009 protein
236728 at	4D	NM_175920	NP_787116	285603	FLJ39485	hypothetical protein FLJ39485
236767_at	4D	NM_203424	NP_982248	389123	IQCF2	1Q motif containing F2
236848_s_at	4D	NM_031274	NP_112564	56157	TEX13A	testis expressed sequence 13A
236941_at	4D	NM_173566	NP_775837	253143	MGC50372	hypothetical protein MGC50372
236965_at	4D	NM_145053	NP_659490	143630	MGC20470	hypothetical protein MGC20470
237016_at	4D	NM_145316	NP_660359	221468	C6orf128	chromosome 6 open reading frame 128
237040_at	4D	NM_152434	NP_689647	143884	CWF19L2	CWF19like 2, cell cycle control (S. pombe)
237099_at	4D	NM_080574	NP_542141	140683	C20orf70	chromosome 20 open reading frame 70
237107_at	4D	NM_003690	NP_003681	8575	PRKRA	protein kinase, interferoninducible double strande
237288_at	4D	NM_052955	NP_443187	116179	TGM7	transglutaminase 7
237338_at	4D	NM_198540	NP_940942	374907	B3GALT7	UDPGal:betaGal beta 1,3galactosyltransferase polyp
237504_at	4D	NM_018142	NP_060612	55174	FLJ10569	hypothetical protein FLJ10569
237730 at	4D	XM_117030	XP_117030	197387	LOC197387	hypothetical LOC197387
237765_at	4D	NM_207117	NP_997000	283600	C14orf68	chromosome 14 open reading frame 68
237806_s_at	4D	XM_378988	XP_378988	400849	LOC400849	hypothetical LOC400849
238063 at	4D	NM_152680	NP_689893	201799	FLJ32028	hypothetical protein FLJ32028
238066_at	4D	NM_052960	NP 443192	116362	RBP7	retinol binding protein 7, cellular
238081_at	4D	NM_205857	NP_995329	404201	FB14	FB14 protein
238322_s_at	4D	NM_003598	NP_003589	8463	TEAD2	TEA domain family member 2
238323_at	4D	NM_003598	NP_003589	8463	TEAD2	TEA domain family member 2
238346 s at	4D	NM_024831	NP_079107	96764	NCOA6IP	nuclear receptor coactivator 6 interacting protein
238365_s_at	4D	NM_001004307	NP_001004307	339541	MGC33556	hypothetical LOC339541

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insulin growth factorlike family member 1	IGFLI	374918	NP_940943	NM_198541	4D	239430_at
HermanskyPudlak syndrome 1	HPSI	3257	NP_000186	NM_000195	4D	239382 at
hypothetical protein MGC11102	MGC11102	84285	NP_115701	NM_032325	4D	239377_at
hypothetical protein DKFZp547K1113	DKFZp547K111 3	374655	NP_940928	NM_198526	4D	239335_at
corin, serine protease	CORIN	10699	NP_006578	NM_006587	4D	239261 s_at
chromosome 6 open reading frame 93	C6orf93	84946	NP_116249	NM_032860	4D	239212_at
complement component (3b/4b) receptor 1, including	CRI	1378	NP_000564	NM_000573	4D	239205_s_at
ankyrin repeat domain 22	ANKRD22	118932	NP_653191	NM_144590	4D	239196_at
hypothetical protein MGC39372	MGC39372	221756	XP_376463	XM_376463	4D	239186_at
LOC440064	LOC440064	440064	XP_498525	XM_498525	4D	239081_at
hypothetical protein FLJ10534	FLJ10534	55720	NP_060598	NM_018128	4D	239042 at
aldolase A, fructosebisphosphate	ALDOA	226	NP_000025	NM_000034	4D	238996_x_at
densityregulated protein	DENR	8562	NP_003668	NM_003677	4D	238982_at
hypothetical protein FLJ38973	FLJ38973	205327	NP_710156	NM_153689	4D	238974_at
Kruppellike factor 12	KLF12	11278	NP_009180	NM_007249	4D	238940_at
TRAFinteracting protein with a forkheadassociated	TIFA	92610	NP_443096	NM_052864	4D	238858_at
RIM binding protein 2	KIAA0318	23504	NP 056162	NM 015347	4D	238817 at
tyrosyltRNA synthetase	YARS	8565	NP_003671	NM_003680	4D	238760_at
Nacylphosphatidylethanolaminehydrolyzing phospholi	NAPEPLD	222236	NP_945341	NM_198990	4D	238722_x_at
hypothetical protein FLJ20582	FLJ20582	54989	NP_054825	NM_014106	4D	238687_x_at
WD repeat domain 36	WDR36	134430	NP_644810	NM_139281	45	238677 at
chromosome 14 open reading frame 150	C14orf150	112840	NP_542397	NM_080666	4D	238650 x at
hypothetical protein FLJ21657	FLJ21657	64417	NP_071928	NM_022483	4D	238635_at
hypothetical protein MGC2474	MGC2474	65988	NP_076420	NM_023931	4D	238606_at
Cblinteracting protein Sts l	STS1	84959	NP_116262	NM_032873	4D	238587_at
hypothetical protein MGC39389	FLJ32384	124790	NP_653209	NM_144608	4D	238547 at
synleurin	SLRN	353281	NP_852607	NM_181506	4D	238488_at
similar to P13kinaserelated kinase SMG1 isoform 1;	LOC440345	440345	XP_496125	XM_496125	4D	238449_at
citrate lyase beta like	CLYBL	171425	NP_996531	NM_206808	4D	238440 at
carbonic anhydrase VBIike	CA5BL	340591	XP_291346	XM_291346	4D	238435_at
hypothetical protein FLJ33069	FLJ33069	137835	NP_653250	NM_144649	4D	238429_at
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zinc finger protein 214	ZNF214	7761	NP_037381	NM_013249	40	243437 S at
zinc finger protein 214	ZNF214	7761	NP 037381	NM_013249	ŧ	243456 at
hypothetical protein LOC339290	LOC339290	339290	XP 375527	XM_375527	4	243426 at
mabal	KIAA1324	57535	NP_065826	NM_020775	4D	243349 at
KIBRA protein	KIBRA	23286	NP_056053	NM_015238	4D	243290_at
FLJ35093 protein	FLJ35093	374986	NP_940951	NM_198549	4Đ	243042 at
ADPribosylation factorlike 8	ARL8	221079	NP_848930	NM_178815	4D	242727_at
hypothetical protein FLJ13305	FLJ13305	84140	XP_291019	XM_291019	4D	242584_at
TNF receptorassociated factor 4	TRAF4	9618	NP_004286	NM_004295	\$	242473 at
hypothetical protein LOC199899	LOC199899	199899	XP_378866	XM_378866	4D	242284 at
poly(A) polymerase beta (testis specific)	PAPOLB	56903	NP_064529	NM_020144	4D	242158_at
orthodenticle homolog 2 (Drosophila)	OTX2	5015	NP_068374	NM_021728	Đ	242128_at
chromosome 6 open reading frame 152	C6orf152	167691	NP_859065	NM_181714	Đ	242006 at
checkpoint suppressor 1	CHES1	11112	NP_005188	NM_005197	4D	241984_at
WD repeat domain 4	WDR4	10785	NP_387510	NM_033661	4D	241937 s at
calmodulin binding transcription activator 1	CAMTA1	23261	NP_056030	NM_015215	4D	241882 at
sodium channel, nonvoltagegated 1, gamma	SCNNIG	6340	NP_001030	NM_001039	40	241436 at
hypothetical protein FLJ34443	FLJ34443	285464	NP_787114	NM_175918	₽Đ	241408 at
similar to hypothetical protein	LOC387816	387816	XP_370664	XM_370664	40	241360_at
hypothetical LOC283034	LOC283034	283034	XP_210860	XM_210860	4D	241337_at
forkhead box N4	FOXN4	121643	NP_998761	NM_213596	4D	241009_at
keratin associated protein 193	KRTAP193	337970	NP_853640	NM_181609	4D	240967_at
fibroblast growth factor receptor 2 (bacteriaexpre	FGFR2	2263	NP_075262	NM_022973	Đ	240913_at
similar to RIKEN cDNA 4933424N09 gene	MGC16943	112479	NP_542394	NM_080663	4D	240603_s_at
chromosome 20 open reading frame 71	C20orf71	128861	NP_848561	NM_178466	4D	240359_at
solute carrier family 15 (H+/peptide transporter).	SLC15A2	6565	NP_066568	NM_021082	4D	240159 at
hypothetical protein LOC201243	LOC201243	201243	NP_783861	NM_175734	4D	240082_s_at
lin7 homolog A (C. elegans)	LIN7A	8825	NP_004655	NM_004664	4D	240027_at
dachshund homolog 2 (Drosophila)	DACH2	117154	NP_444511	NM_053281	40	239738 at
hypothetical protein MGC48972	MGC48972	123879	NP_775746	NM_173475	4D	239648_at
hypothetical protein MGC15912	MGC15912	84972	NP_116275	NM_032886	4D	239635_at
LOC440885	LOC440885	440885	XP_498906	XM_498906	4D	239624_at
hypothetical protein FLJ20481	FLJ20481	54947	NP_060309	NM_017839	4D	239598 s at
hypothetical protein FLJ37659	FLJ37659	286499	NP_775969	NM_173698	4D	239481_at
zane miger protein 204	107 101	074107				

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Nsulfoglucosamine sulfohydrolase (sulfamidase)	SGSH	6448	NP_000190	NM_000199	4D	35626_at
FLN29 gene product	FLN29	10906	NP_006691	NM_006700	4D	35254_at
reticulon 2	RTN2	6253	NP_005610	NM_005619	4D	34408 at
peroxisomal biogenesis factor 14	PEX14	5195	NP 004556	NM_004565	4D	33760_at
interferon stimulated gene 20kDa	1SG20	3669	NP_002192	NM_002201	4D	33304_at
myosin IC	MYOIC	4641	NP_203693	NM_033375	4D	32811_at
Nedd4 binding protein 1		9683	NP_694574	NM_153029	4D	32069_at
hypothetical protein BC002942	BC002942	91289	NP_149977	NM_033200	4D	31837_at
DEAD (AspGluAlaAsp) box polypeptide 49	DDX49	54555	NP_061943	NM_019070	4D	31807 at
bromodomain and WD repeat domain containing 3	BRWD3	254065	NP_694984	NM_153252	4D	244738_at
nuclear transcription factor Y, beta	NFYB	4801	NP_006157	NM_006166	4D	244704_at
hypothetical protein FLJ36674	FLJ36674	284040	NP_775893	NM_173622	4D	244698 at
cytochrome c, somatic	CYCS	54205	NP_061820	NM_018947	4D	244546_at
hypothetical LOC200624	LOC200624	200624	XP_117257	XM_117257	4D	244518_at
hypothetical protein MGC27466	MGC27466	127396	NP_689586	NM_152373	4D	244398_x_at
hypothetical protein FLJ31340	FLJ31340	222223	NP_689961	NM_152748	4D	244317_at
THAP domain containing 5	THAP5	168451	NP_872335	NM_182529	4D	244190_at
muskelin I, intracellular mediator containing kelc	MKLNI	4289	NP_037387	NM_013255	4D	244171_at
gammaaminobutyric acid (GABA) A receptor, alpha 1	GABRAI	2554	NP_000797	NM_000806	4D	244118_at
hypothetical protein FL135382	FLJ35382	163859	NP_689821	NM_152608	4D	244103_at
protein phosphatase 1K (PP2C domain containing)	PPMIK	152926	NP_689755	NM_152542	4D	244011_at
ATPbinding cassette, subfamily B (MDR/TAP), member	ABCBI	5243	NP_000918	NM_000927	ŧ	243951_at
Fraser syndrome 1		80144	NP_079350	NM_025074	40	243935_at
DKFZP4341116 protein	DKFZP4341116	25962	NP_056311	NM_015496	4D	243927_x_at
rab3 GTPaseactivating protein, noncatalytic subuni	RAB3GAP150	25782	NP_036546	NM_012414	4D	243851_at
collagen and calcium binding EGF domains 1	CCBEI	147372		NM_133459	4D	243805_at
similar to ZINC FINGER PROTEIN 257 (BONE MARROW ZI	MGC12518	90816	NP_291026	NM_033548	4D	243661_at
solute carrier family 1 (glutamate transporter), m	SLC1A7	6512	NP_006662	NM_006671	4D	243623_at
REVIlike (yeast)	REVIL	51455	NP_057400	NM_016316	4D	243592 at
APG10 autophagy 10like (S. cerevisiae)	APG10L	83734	NP_113670	NM_031482	4D	243477 at
CasBrM (murine) ecotropic retroviral transforming	CBL	867	NP_005179	NM_005188	Ð	243475_at

36711_at	4D	NM_012323	NP_036455	23764	MAFF	vmaf musculoaponeurotic fibrosarcoma oncogene homo
37004_at	4D	NM_000542	NP_000533	6439	SFTPB	surfactant, pulmonaryassociated protein B
	4D	NM_002726	NP_002717	5550	PREP	prolyl endopeptidase
37966_at	4D	NM_001003828	NP_001003828	29780	PARVB	parvin, beta
38158_at	4D	NM_012291	NP_036423	9700	ESPLI	extra spindle poles like 1 (S. cerevisiae)
39402_at	4D	NM_000576	NP_000567	3553	ILIB	interleukin I, beta
40149_at	4D	NM_015503	NP_056318	25970	SH2B	SH2B homolog
40255_at	4D	NM_018380	NP_060850	55794	DDX28	DEAD (AspGluAlaAsp) box polypeptide 28
40687_at	4D	NM_002060	NP_002051	2701	GJA4	gap junction protein, alpha 4, 37kDa (connexin 37)
45288_at	4D	NM_020676	NP_065727	57406	ABHD6	abhydrolase domain containing 6
47550_at	4D	NM_021020	NP_066300	11178	LZTS1	leucine zipper, putative tumor suppressor I
48030_i_at	4D	NM_032385	NP_115761	10826	C5orf4	chromosome 5 open reading frame 4
49077_at	4D	NM_016147	NP_057231	51400	PMEI	protein phosphatase methylesterase1
51228_at	4D	NM_203390	NP_976324	389677	LOC389677	similar to RIKEN cDNA 3000004N20
53968_at	4D	NM_030628	NP_085131	80789	KIAA1698	KIAA1698 protein
53987_at	4D	NM_020850	NP_065901	57610	RANBP10	RAN binding protein 10
54037_at	4D	NM_022081	NP_071364	89781	HPS4	HermanskyPudlak syndrome 4
55662_at	4D	NM_024541	NP_078817	79591	C10orf76	chromosome 10 open reading frame 76
55872_at	4D	NM_020713	NP_065764	57473	KIAA1196	KIAA1196 protein
57516_at	4D	NM_033410	NP_219363	92595	MGC13138	hypothetical protein MGC13138
57532_at	4D	NM_004422	NP_004413	1856	DVL2	dishevelled, dsh homolog 2 (Drosophila)
57588_at	4D	NM_020689	NP_065740	57419	SLC24A3	solute carrier family 24 (sodium/norassium/calcium
63009_at	4D	NM_018130	NP_060600	55164	SHQI	SHQ1 homolog (S. cerevisiae)
64432_at	4D	NM_016534	NP_057618	51275	FLJ39616	apoptosisrelated protein PNAS1
65493_at	4D	NM_022070	NP_071353	63897	ABC1	amplified in breast cancer 1
74694 s at	4D	NM_024816	NP_079092	79874	RABEP2	rabaptin, RAB GTPase binding effector protein 2
AFFX- HUMISGF3A/M 97934D	NM_007315	NP_009330		6772	STATI	signal transducer and activator of transcription
AFFX- HUMISGF3A/M 97934D	NM_007315	NP_009330		6772	STATI	signal transducer and activator of transcription l